



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
YASUHIKO TERASHITA ET AL. )  
Appln. No. 09/557,172 )  
Filed: April 21, 2000 )  
For: INFORMATION PROCESSING )  
APPARATUS, INFORMATION )  
MANAGING METHOD AND MEDIUM )

Group Art Unit: Not Assigned  
Examiner: Not Assigned  
**SUBMISSION OF FORMAL DRAWINGS**  
2001 Ferry Building  
San Francisco, CA 94111  
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Attention: Official Draftsman  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed for filing in the above-identified application are forty-five (45) sheets of formal drawings comprising Figures 1 through 45C.

Respectfully submitted,

LIMBACH & LIMBACH L.L.P.

July 28, 2000  
(Date)

SONY-T0474  
(S00P0474US00)

By: 

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Registration No. 28,901  
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**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Attn: Official Draftsman, Assistant Commissioner for Patents, Washington, D.C. 20231, on July 28, 2000.

LIMBACH & LIMBACH L.L.P. Date: July 28, 2000

By:   
Name: Susan Ozanne

FIG. 1

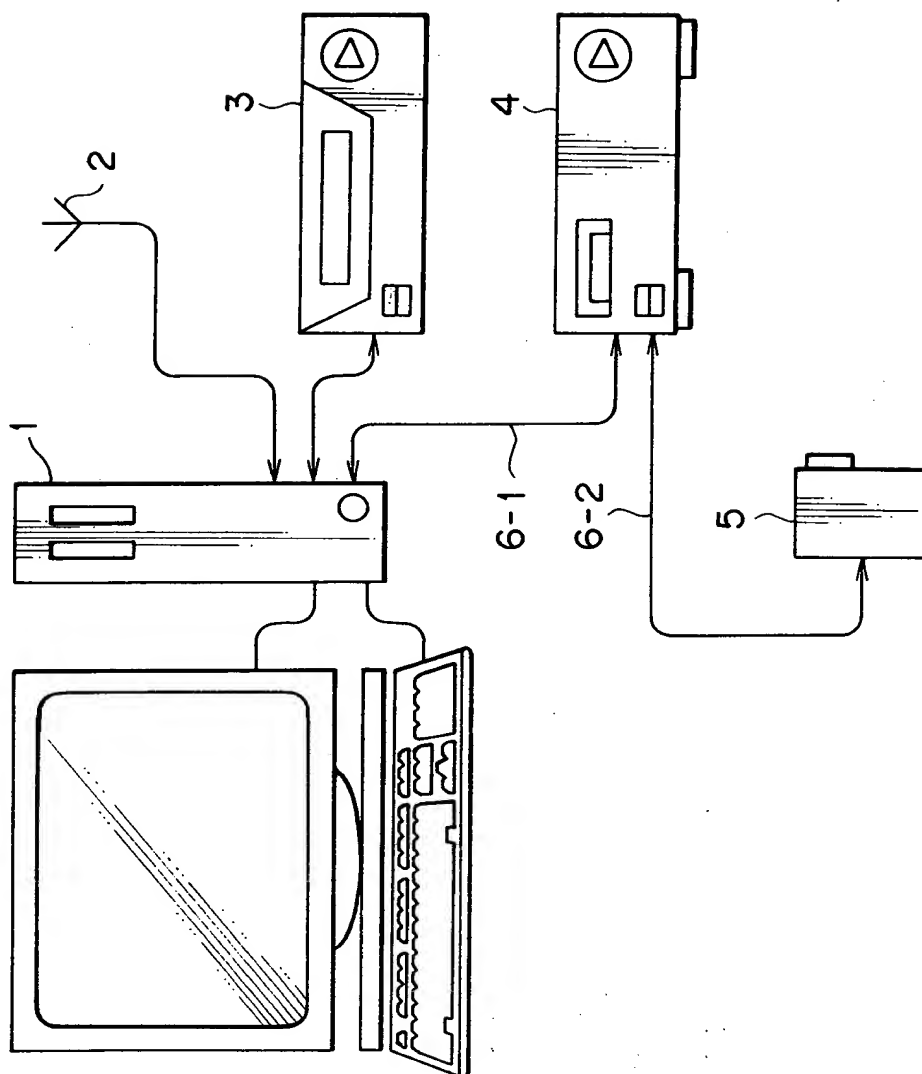
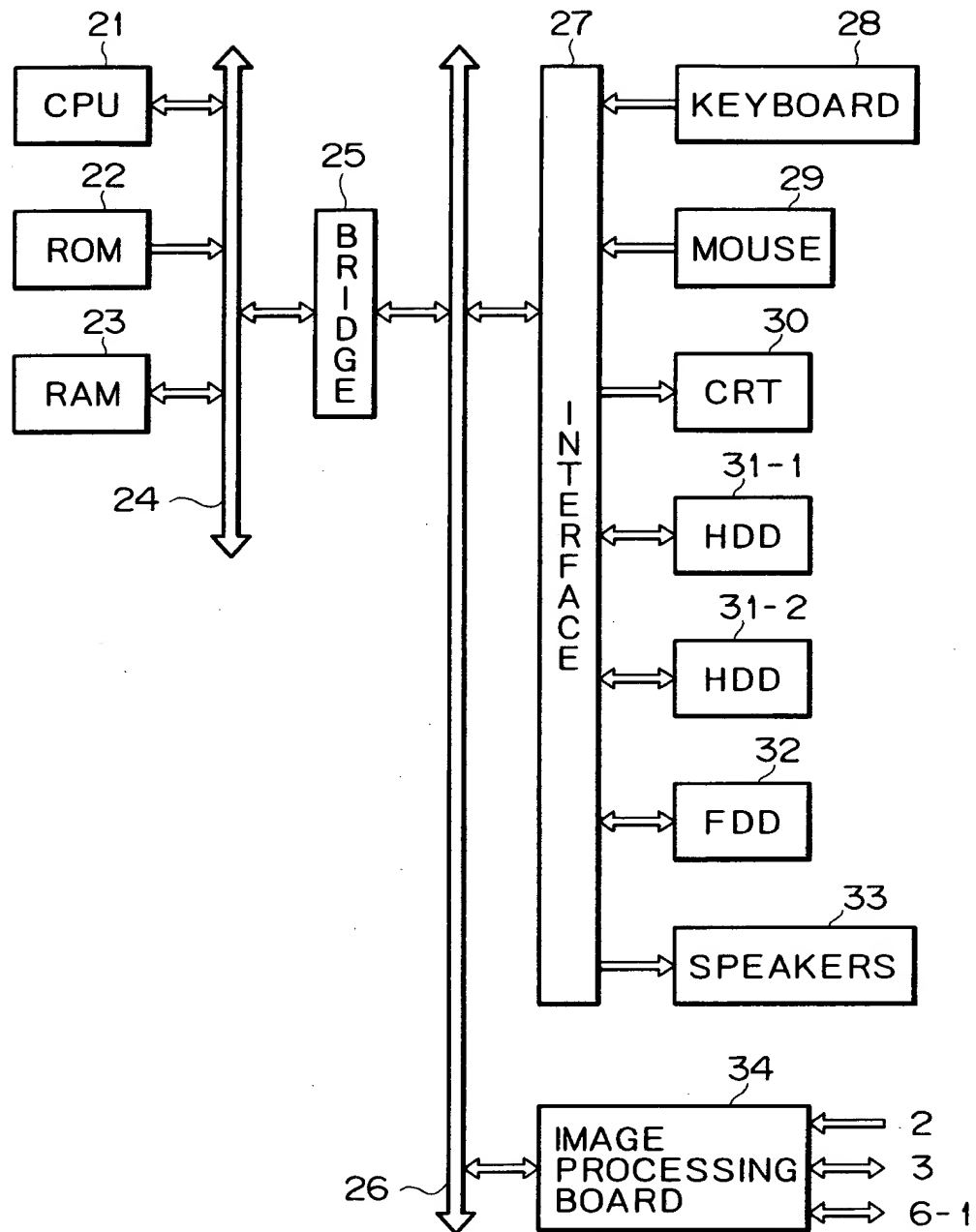


FIG. 2



# FIG. 3

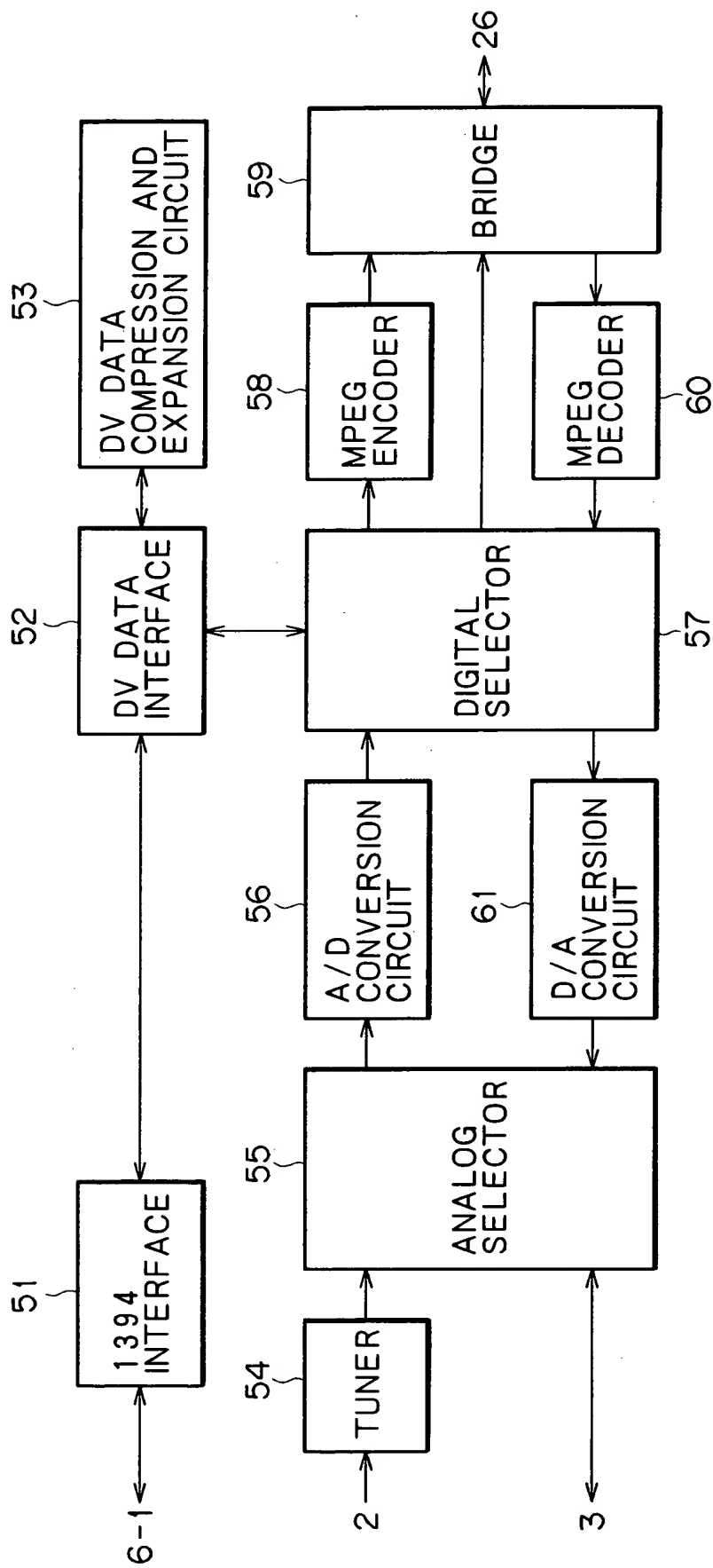
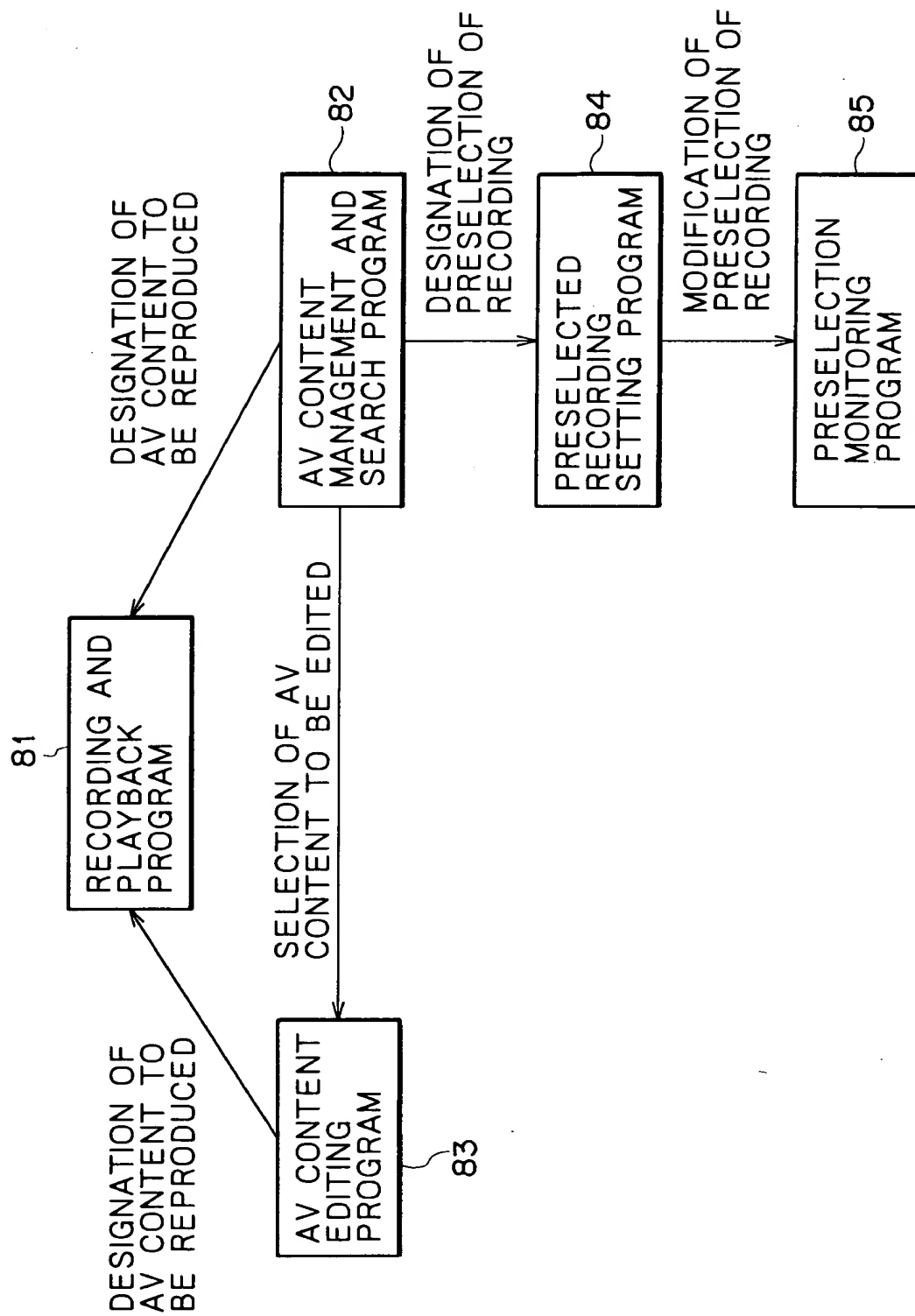
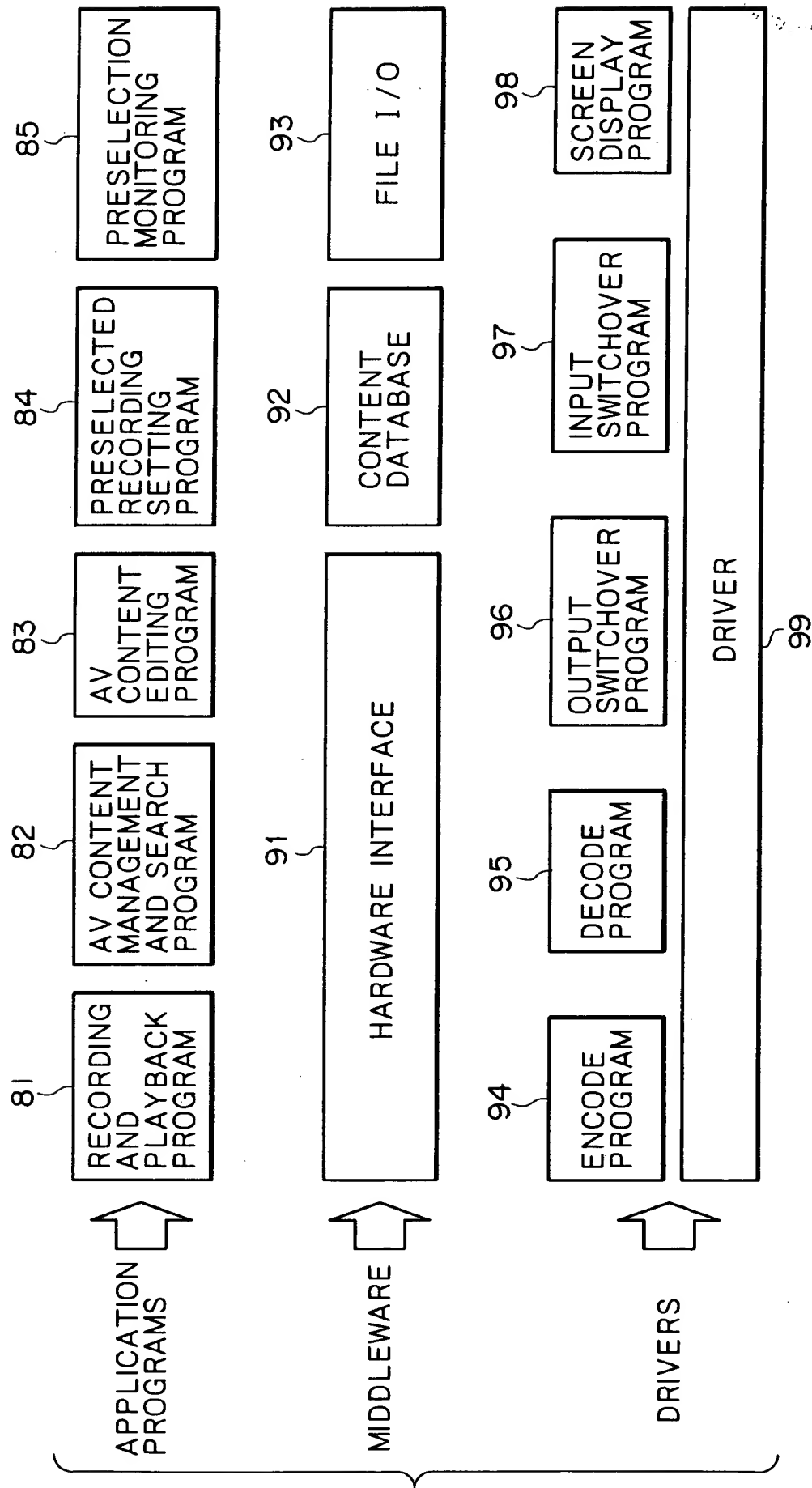


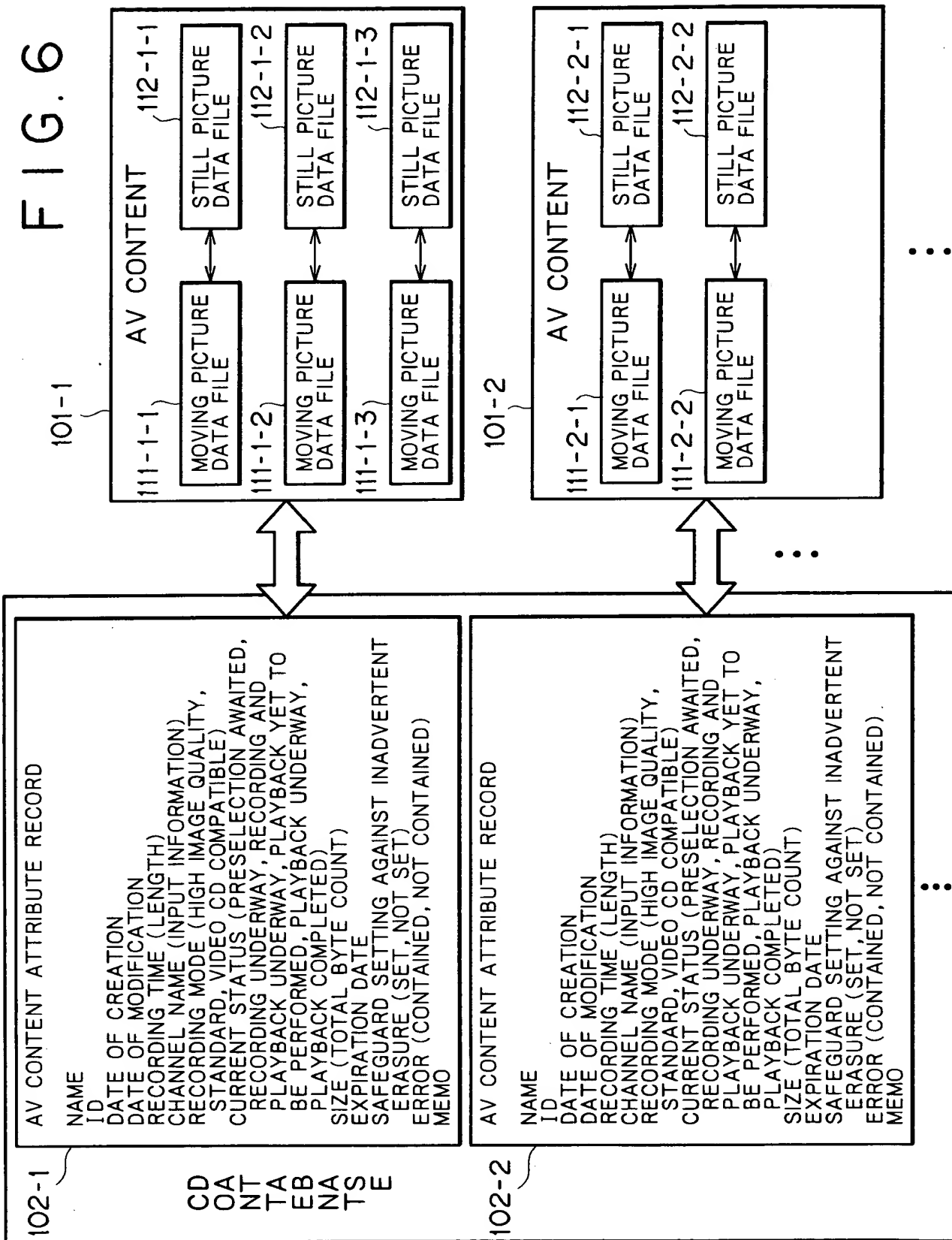
FIG. 4



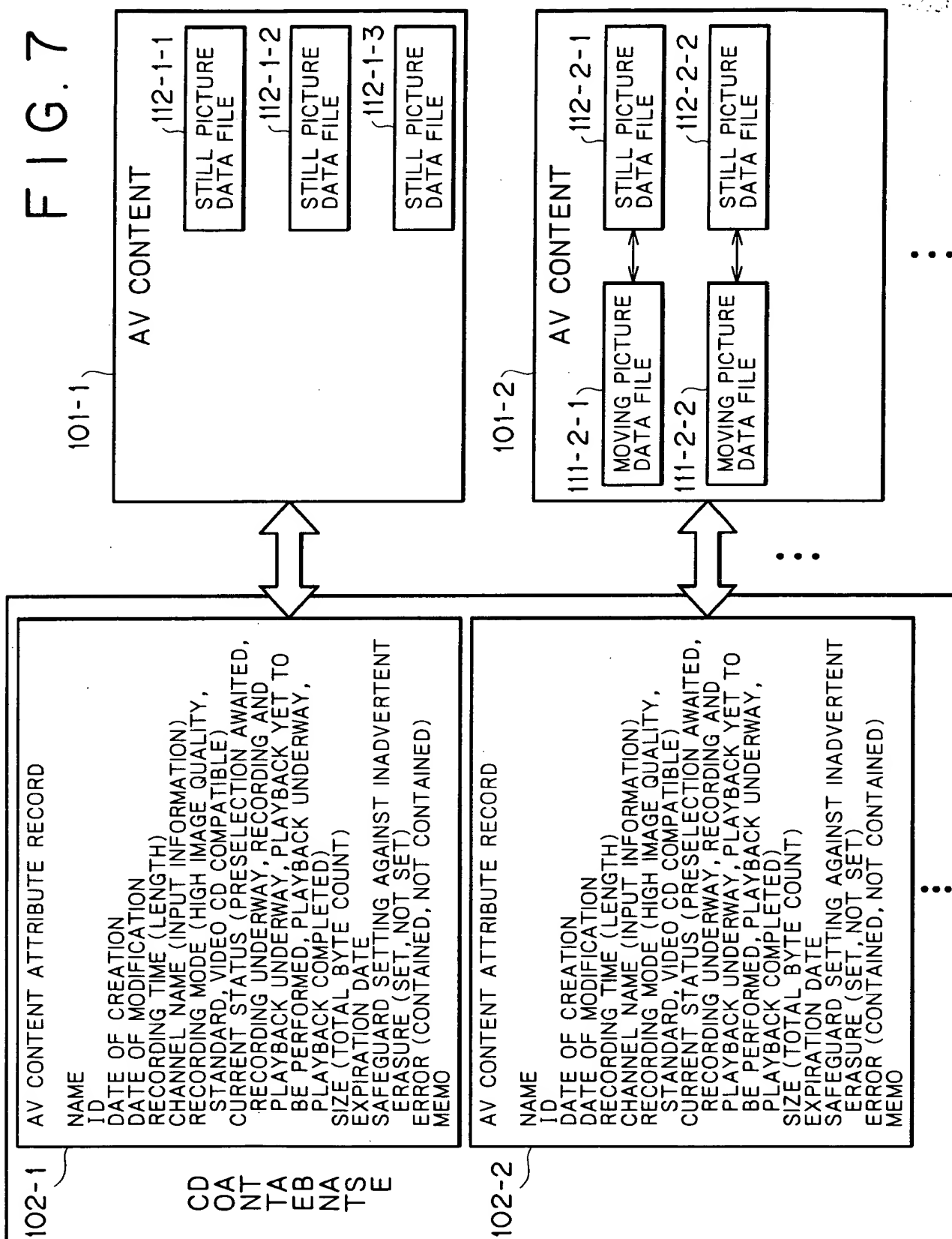
# FIG. 5



# FIG. 6



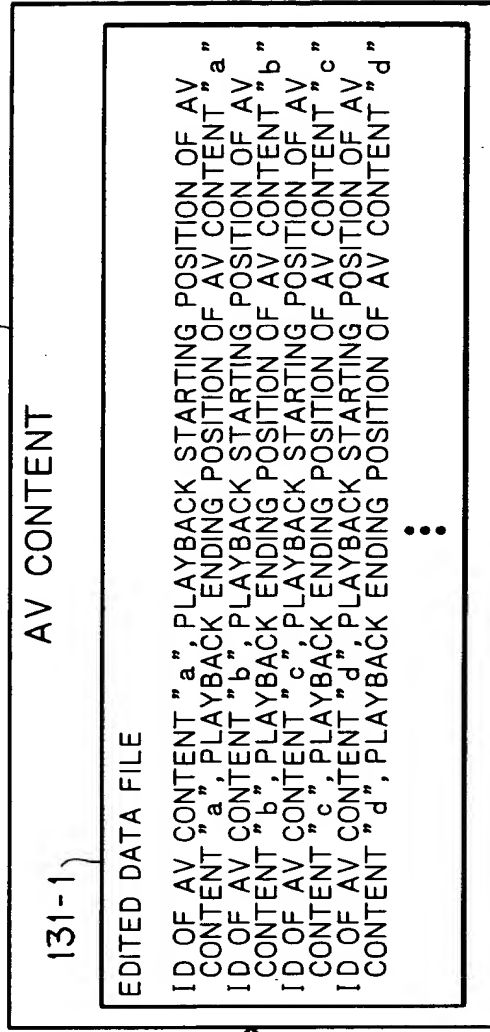
# FIG. 7



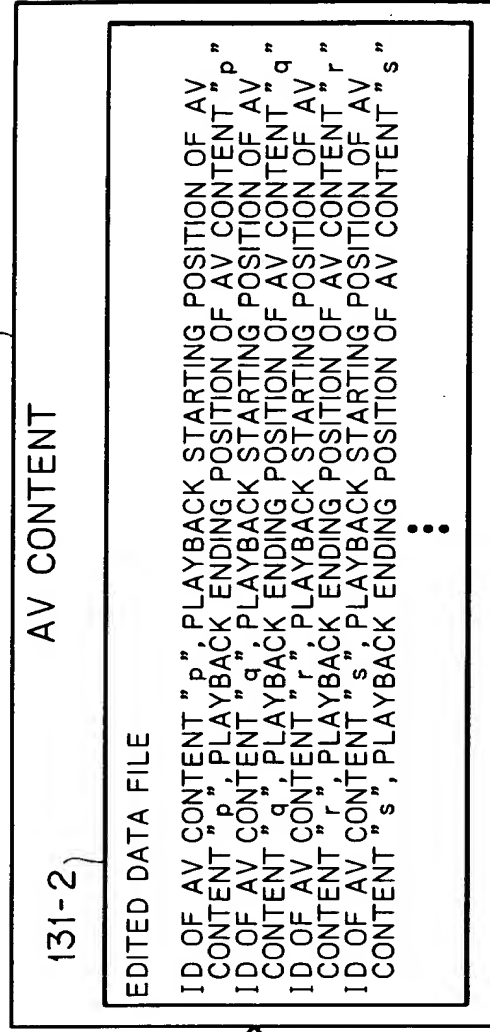
# FIG. 8

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121-1



121-2

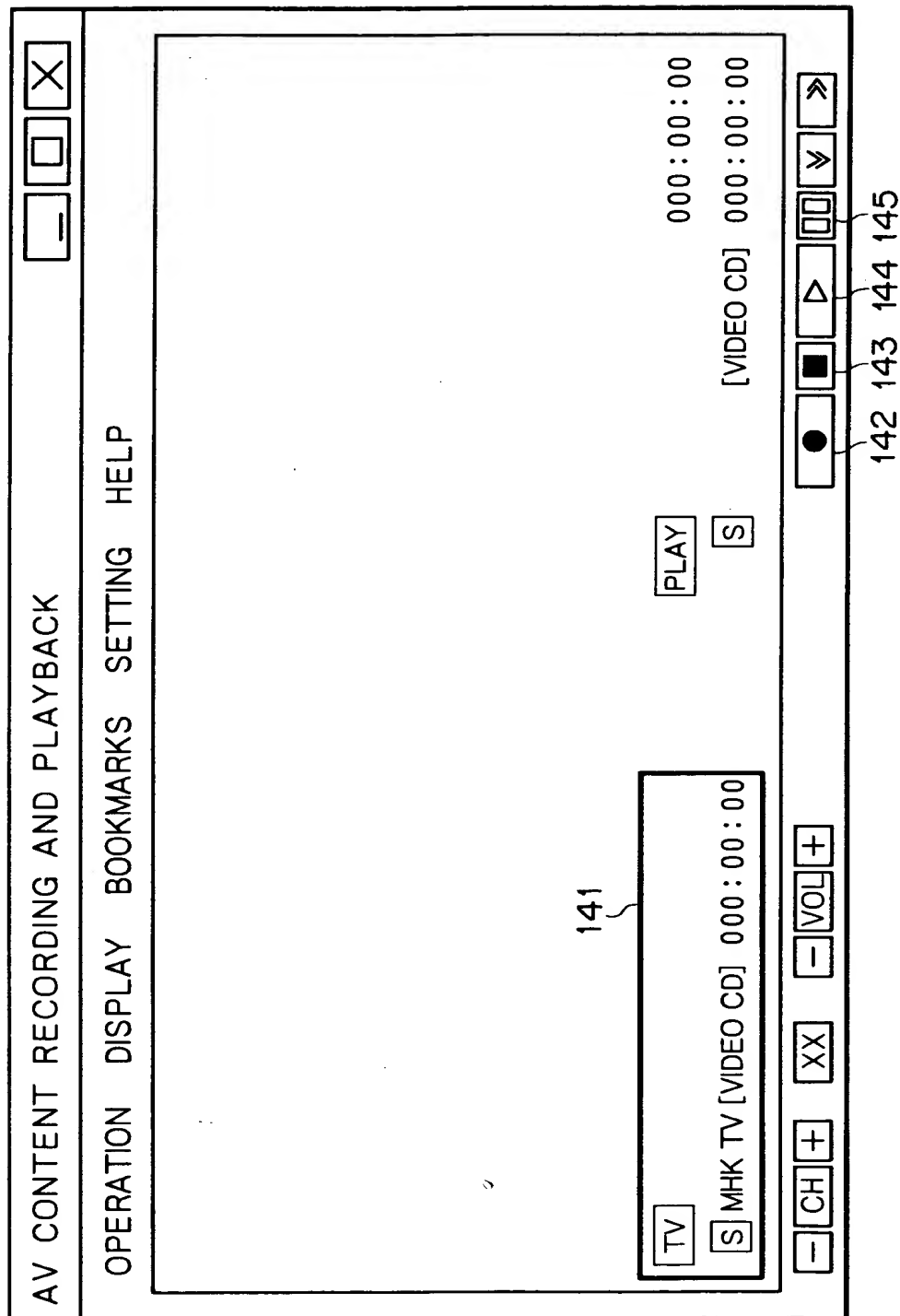


...

...

...

# FIG. 9



# FIG. 10

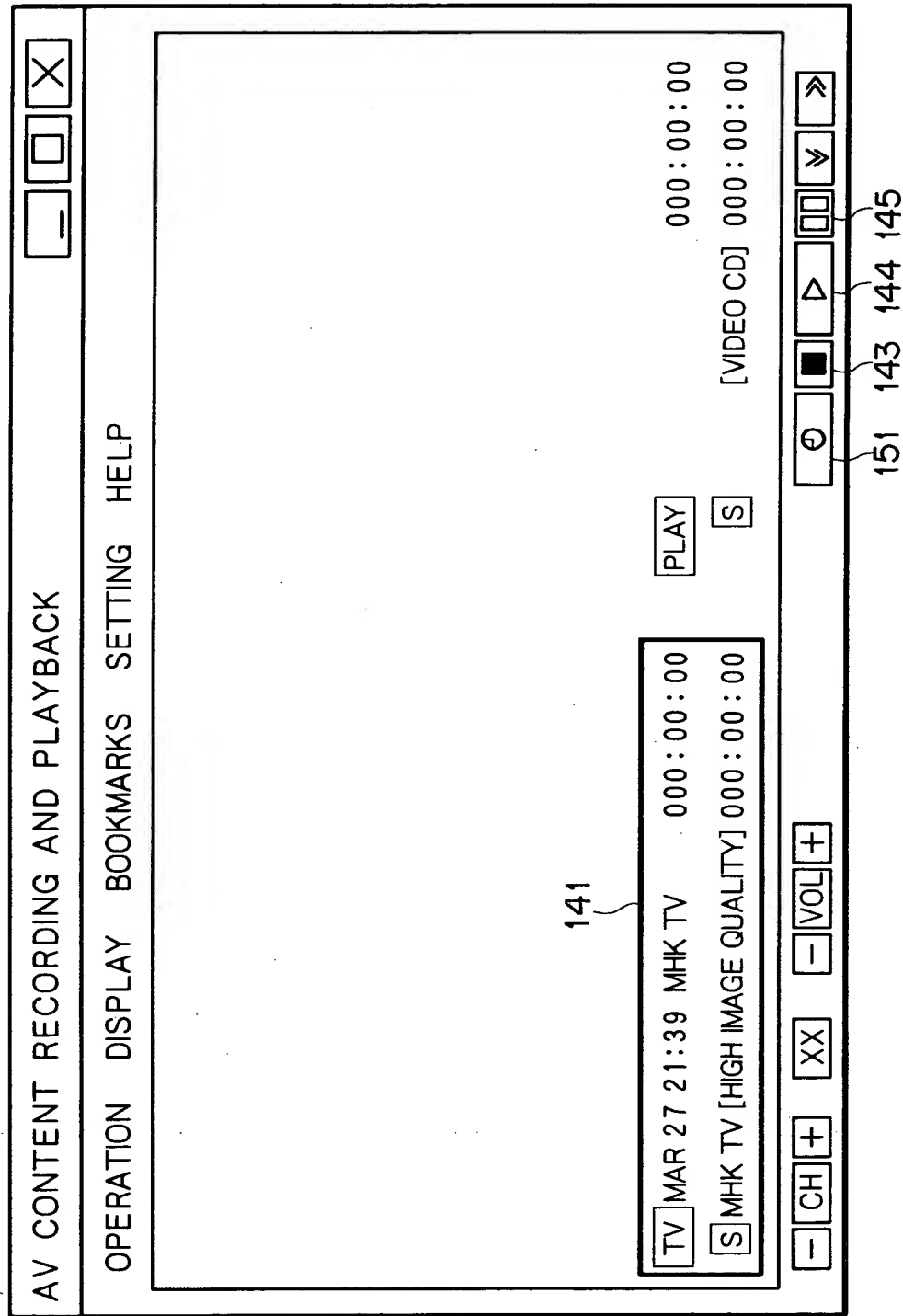


FIG. 11A

→ MAXIMUM  
RECORDABLE → 30 MIN. → 1 HR. → 1 HR. 30 MIN. → 2 HR. → 2 HR. 30 MIN. → 3 HR.  
TIME

FIG. 11B

→ MAXIMUM  
RECORDABLE → 1 HR. → 1 HR. 30 MIN. → 2 HR. → 2 HR. 30 MIN. → 3 HR.  
TIME

FIG. 11C

→ MAXIMUM  
RECORDABLE → 2 HR. → 2 HR. 30 MIN. → 3 HR.  
TIME

FIG.12

RECORDING END TIME SETTING

SET RECORDING DURATION

☒ TERMINATE RECORDING SINCE STARTING:

☐ TERMINATE RECORDING AT:  
(ENDING AT:)

☐ SPECIFY MAXIMUM RECORDABLE TIME  
(ENDING AT:)

30 MIN. 30 MIN. 1 HR. 1 HR. 30 MIN. 2 HR. 2 HR. 30 MIN. 3 HR.

LATER

23:22 ON FEB 24

OK CANCEL HELP

FIG. 13

RECORDING END TIME SETTING ✕

— SET RECORDING DURATION —

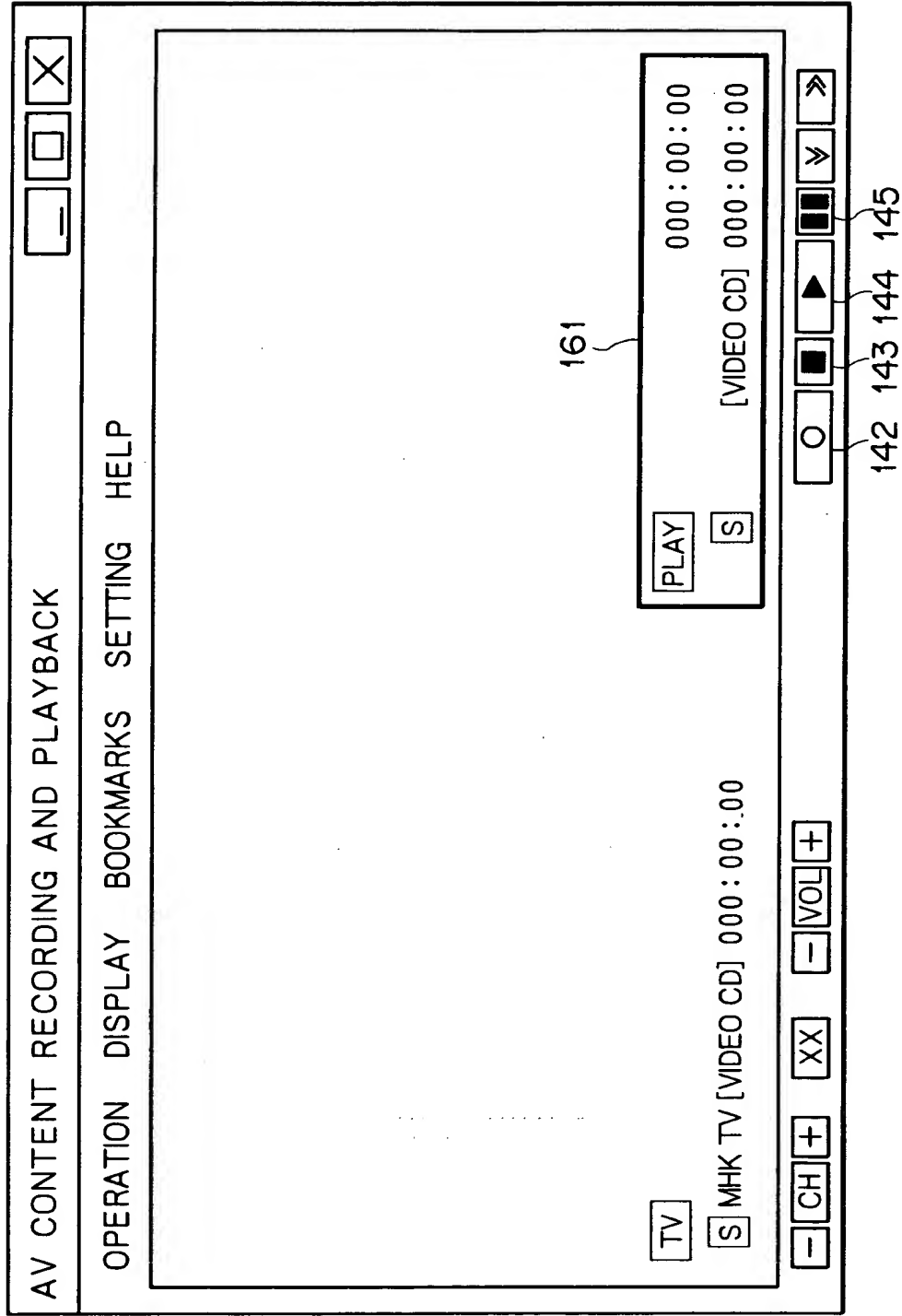
☐ TERMINATE RECORDING SINCE STARTING:  
30 MIN. ▼ LATER

☐ TERMINATE RECORDING AT:  
(ENDING AT:) 12 ▲ ▼ : 34 ▲ ▼

☒ SPECIFY MAXIMUM RECORDABLE TIME  
(ENDING AT:) 23:22 ON FEB 24

OK CANCEL HELP

FIG. 14



Logo of the American Society of Human Genetics (ASHG). The logo is circular with the text "AMERICAN SOCIETY OF HUMAN GENETICS" around the top and "1964" at the bottom. In the center, it says "Genetics & Society".

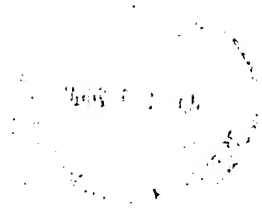


FIG. 16

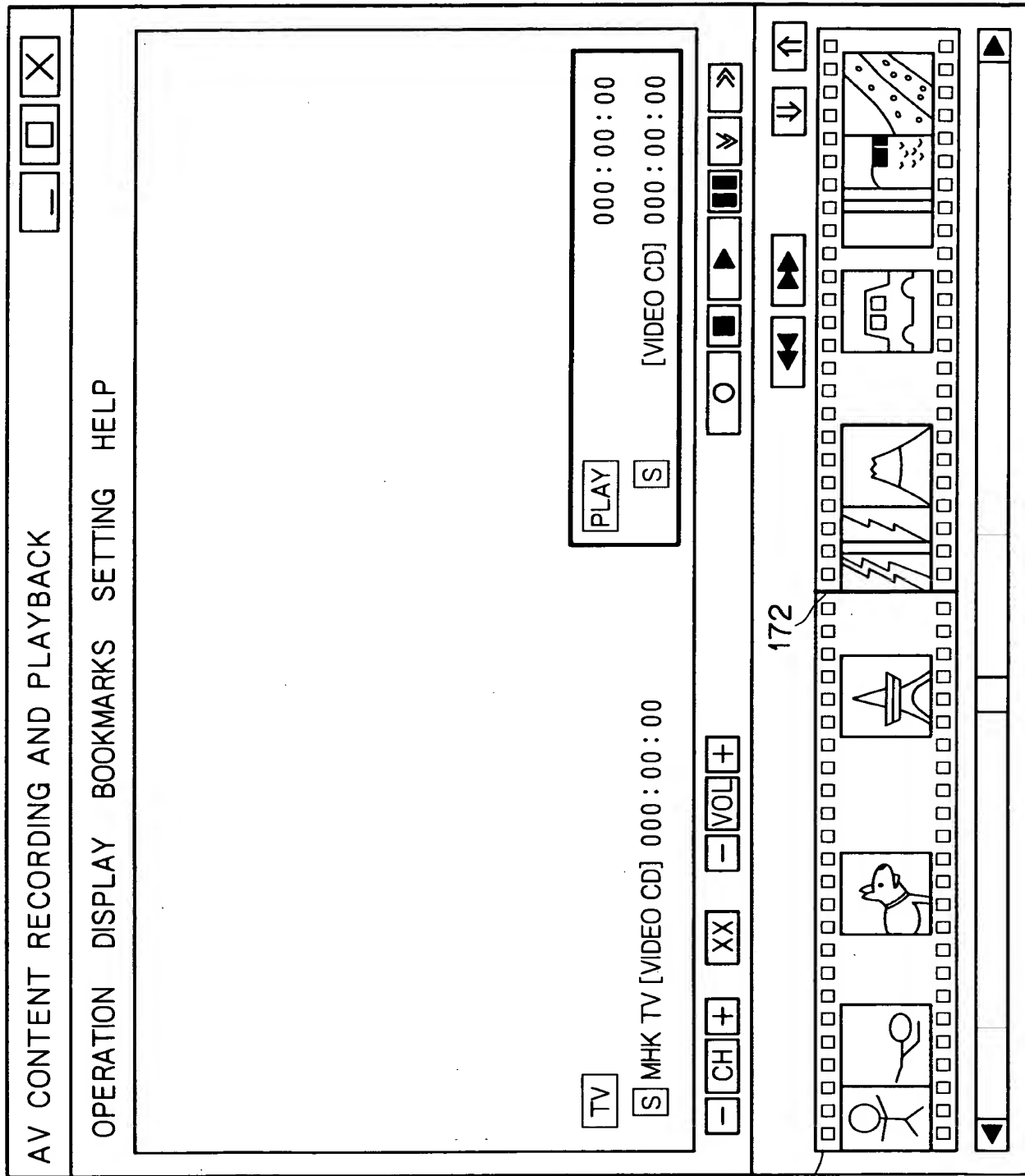
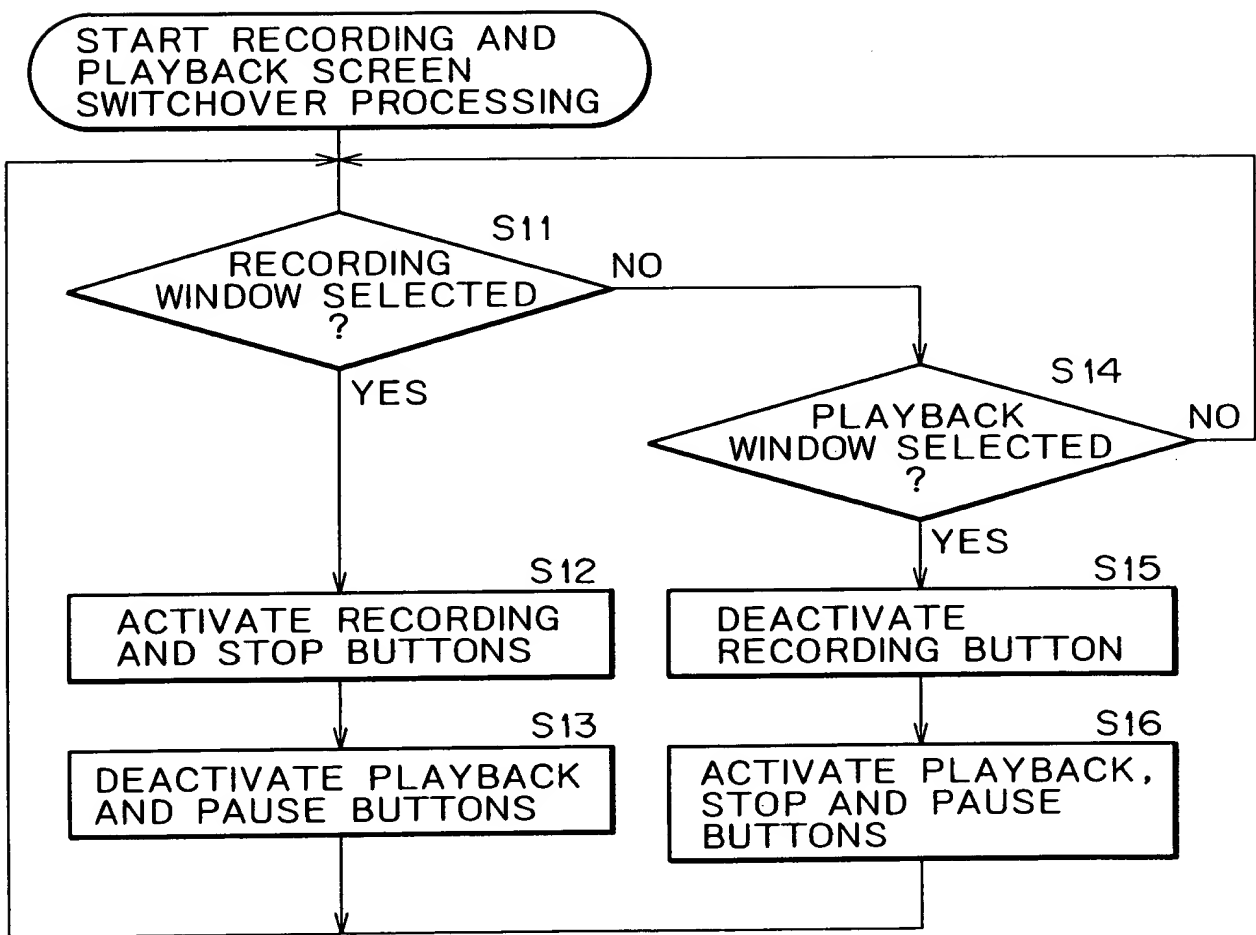
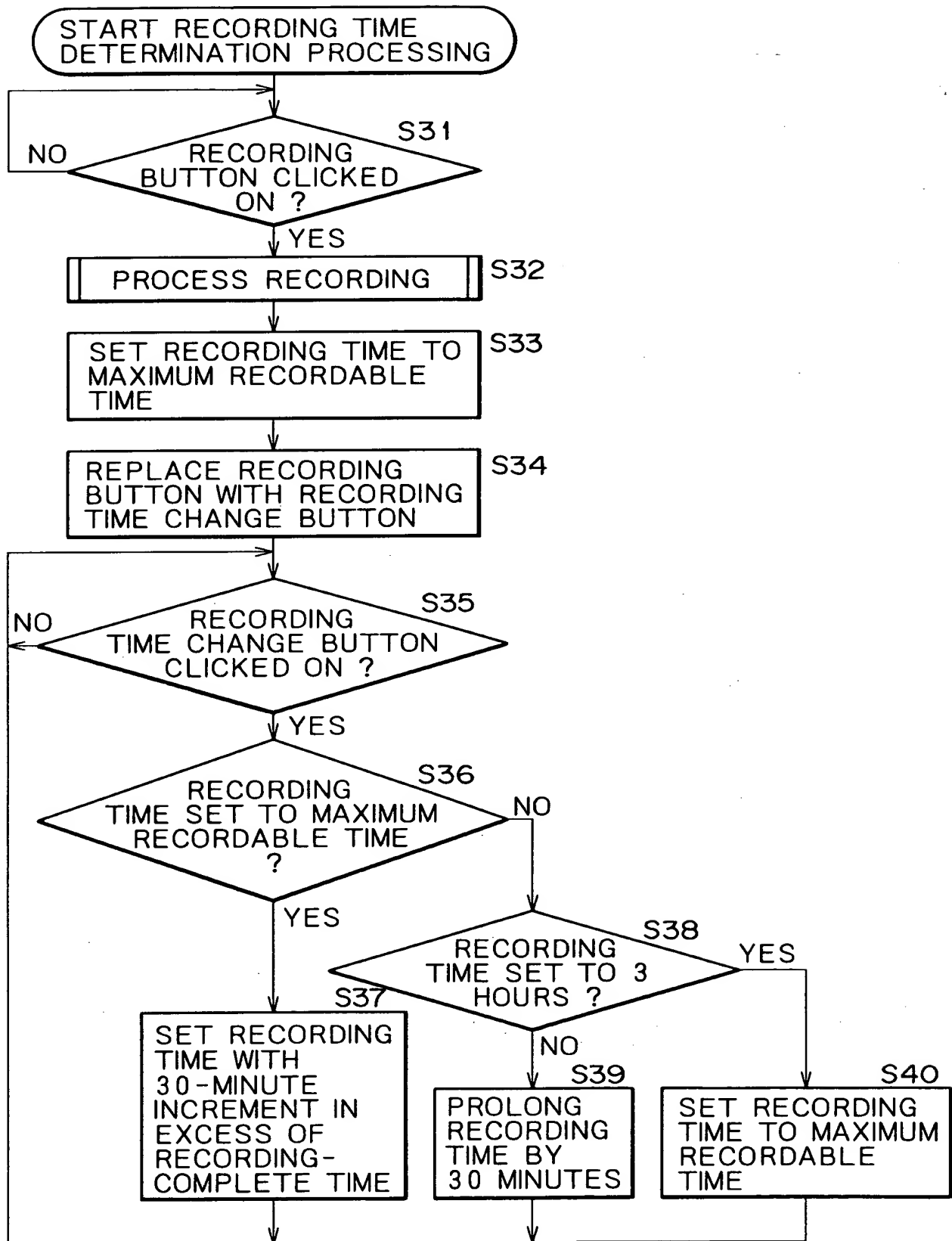




FIG. 18



# FIG. 19



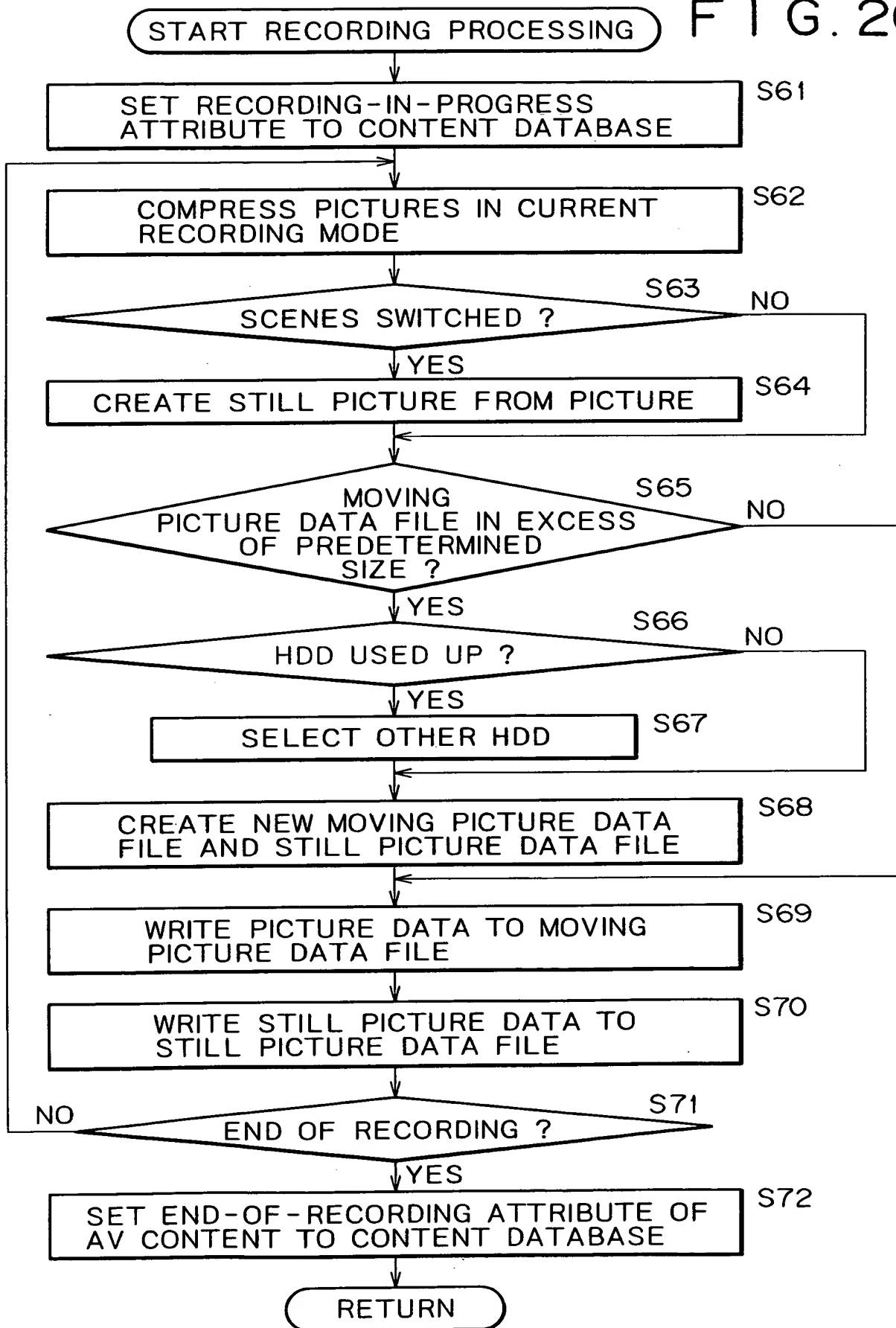
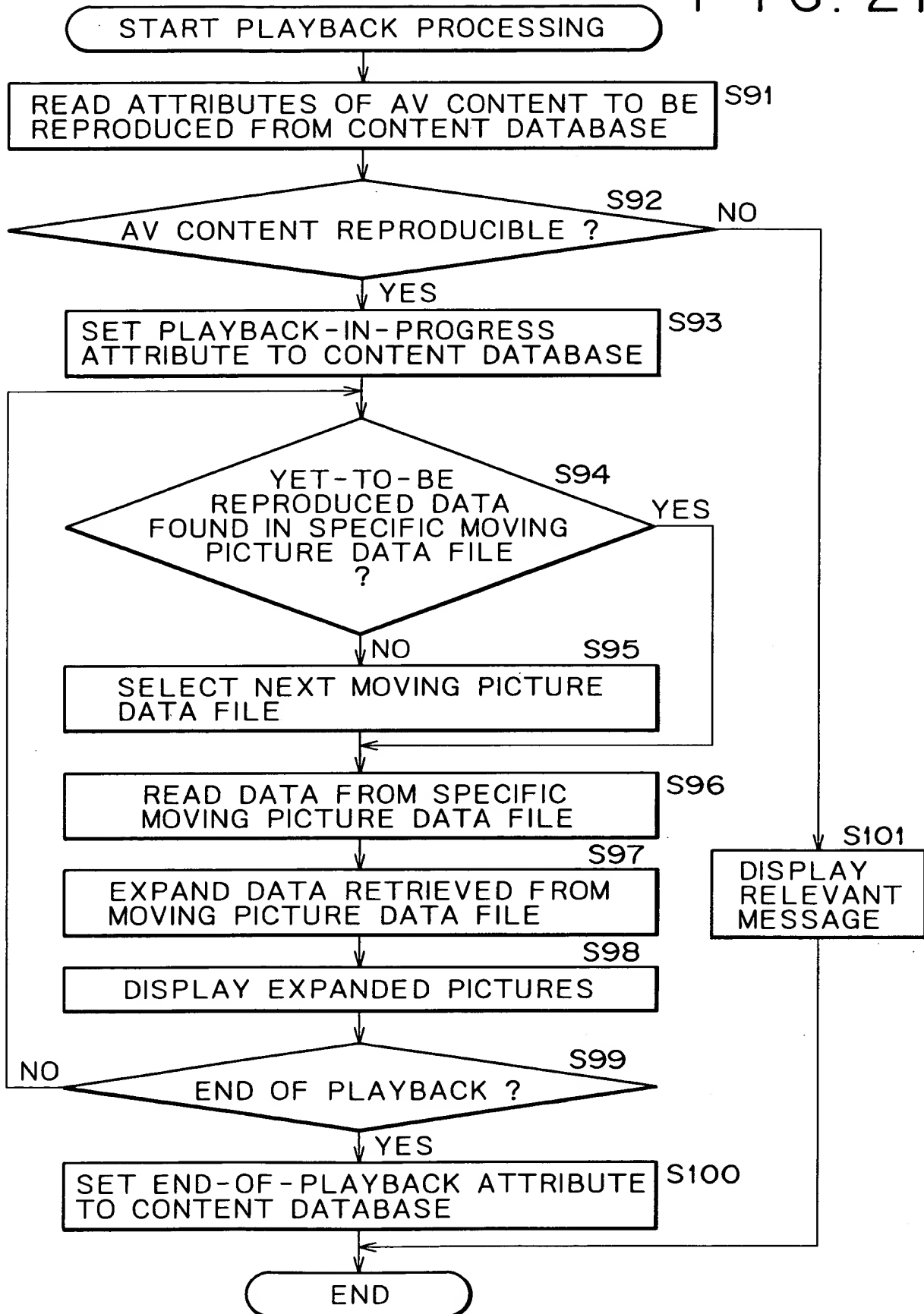
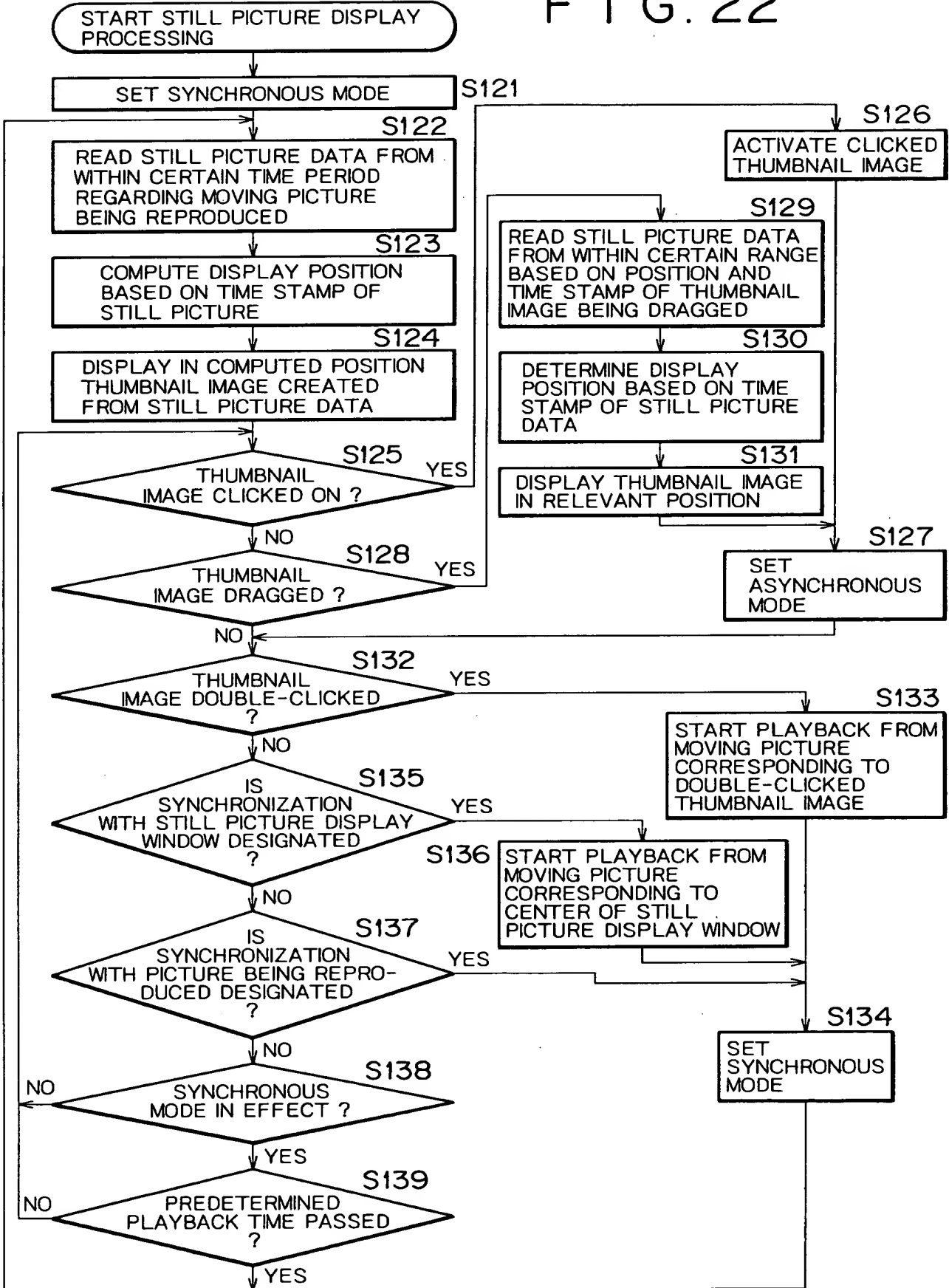


FIG. 21



# FIG. 22



# FIG. 23

204

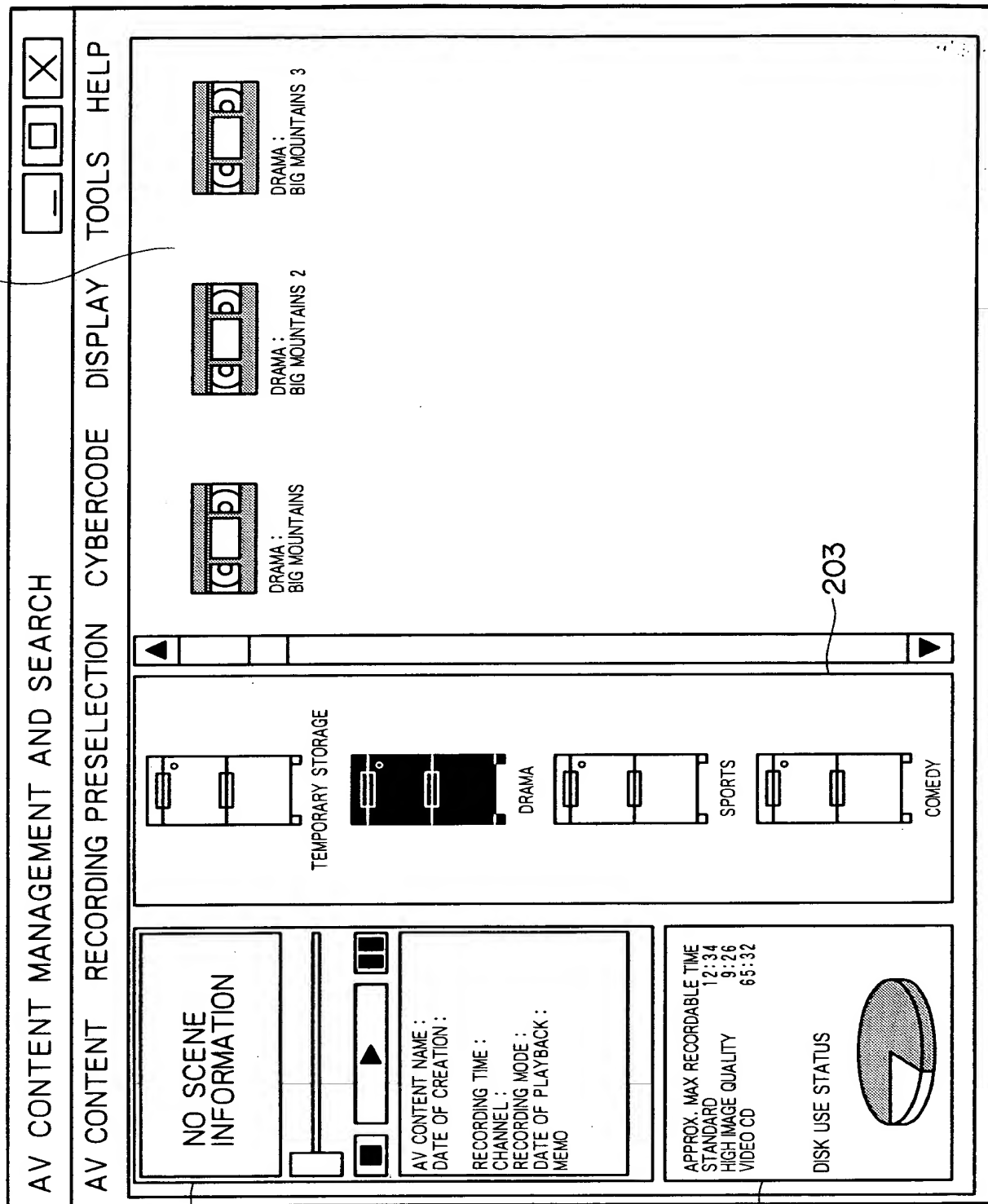


FIG. 24

204

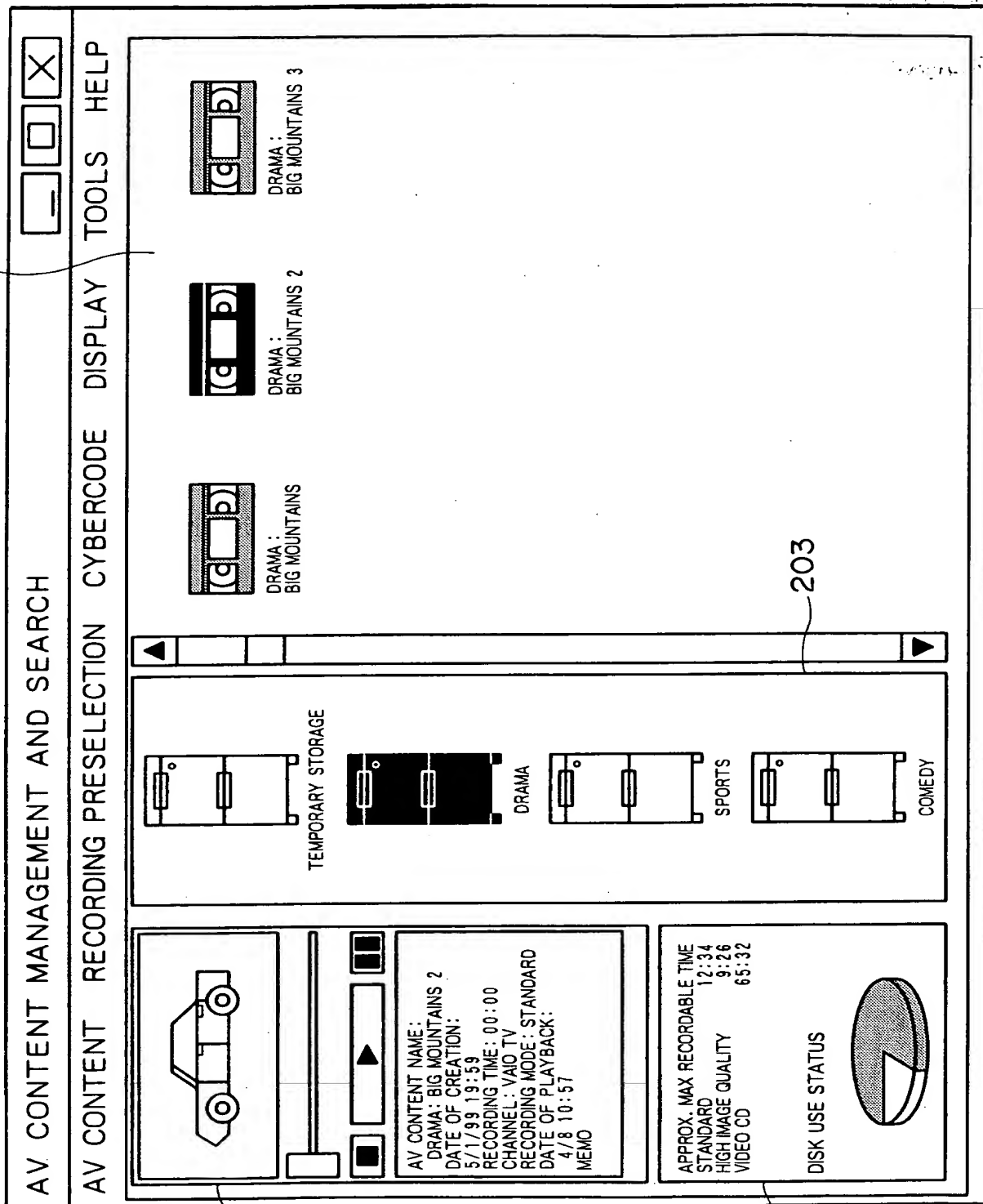


FIG. 25A

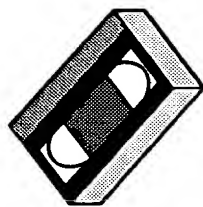


FIG. 25B



FIG. 25C

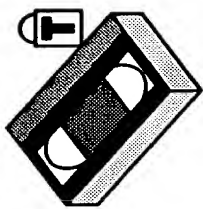


FIG. 25D

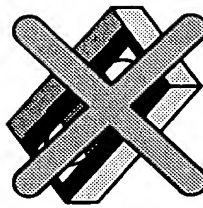


FIG. 25E

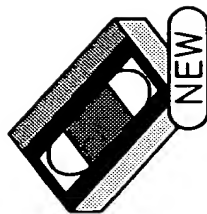


FIG. 25F



FIG. 25G

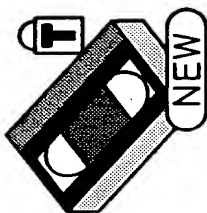


FIG. 25H

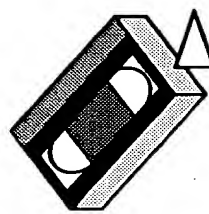


FIG. 25I



FIG. 25J

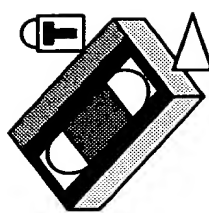


FIG. 25K

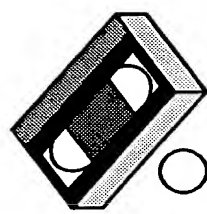


FIG. 25L



FIG. 25M

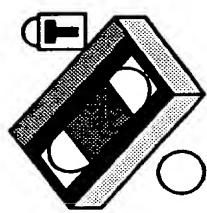


FIG. 25

FIG. 26A

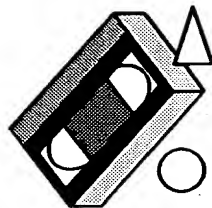


FIG. 26B



FIG. 26C

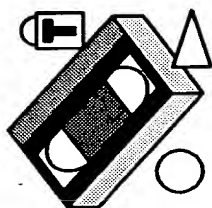


FIG. 26D

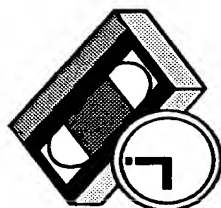


FIG. 26E

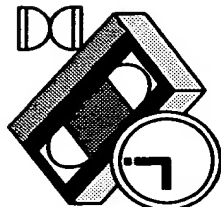


FIG. 26F



FIG. 26G

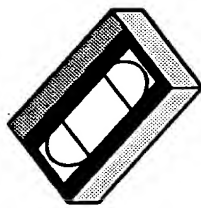


FIG. 26H



FIG. 26I

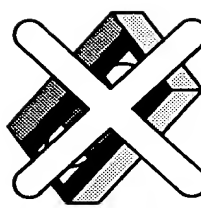


FIG. 26J

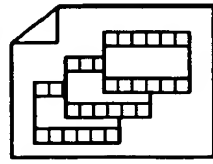


FIG. 26K

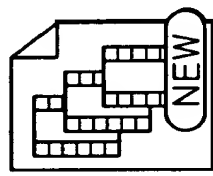


FIG. 26L

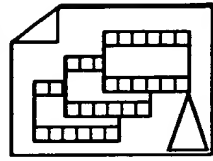
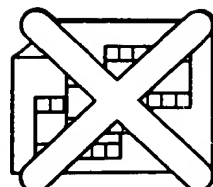


FIG. 26M



# FIG. 27

AV CONTENT MANAGEMENT AND SEARCH

AV CONTENT RECORDING PRESELECTION CYBERCODE DISPLAY TOOLS HELP

NO SCENE INFORMATION

▶

AV CONTENT NAME	DATE OF CREATION	STATUS	LIBRARY NAME	RECORDING TIME	CHANNEL
COMMERCIAL 1	5/1/1999	PLAYBACK COMPLETED	CM COLLECTION	0:09:00	YUHI TV
COMMERCIAL 2	5/1/1999	PLAYBACK COMPLETED	CM COLLECTION	0:04:00	KAKUJITSU TV
COMMERCIAL 3	5/1/1999	PLAYBACK COMPLETED	CM COLLECTION	0:05:00	TAKA TV
DRAMA: BIG MOUNTAINS 1	8/1/1999	PLAYBACK UNDERWAY	DRAMA	0:45:00	MGJ TV
DRAMA: BIG MOUNTAINS 2	8/8/1999	PLAYBACK COMPLETED	DRAMA	0:45:00	MGJ TV
LOCAL NEWS 1	7/15/1999	PLAYBACK COMPLETED	NEWS	0:30:00	DNA
LOCAL NEWS 2	7/16/1999	PLAYBACK COMPLETED	NEWS	0:30:00	DNA

•

•

•

AV CONTENT NAME :

DATE OF CREATION :

RECORDING TIME :

CHANNEL :

RECORDING MODE :

DATE OF PLAYBACK :

MEMO

APPROX. MAX RECORDABLE TIME

STANDARD 12:34

HIGH IMAGE QUALITY 9:26

VIDEO CD 65:32

DISK USE STATUS

201

202

251

# FIG. 28

AV CONTENT MANAGEMENT AND SEARCH

AV CONTENT   RECORDING PRESELECTION   CYBERCODE   DISPLAY   TOOLS   HELP

NO SCENE INFORMATION

AV CONTENT NAME :

DATE OF CREATION :

RECORDING TIME :

CHANNEL :

RECORDING MODE :

DATE OF PLAYBACK :

MEMO

1999

PREVIOUS MONTH

MARCH

NEXT MONTH

SUN	MON	TUE	WED	THU	FRI	SAT
	1 ☺ ☹	2 ☹ ☹	3 ☹ ☹	4 ☹ ☹	5 ☹ ☹	6 ☹ ☹
7 ☹ ☹	8 ☹ ☹	9 ☹ ☹	10 ☹ ☹	11 ☹ ☹	12 ☹ ☹	13 ☹ ☹
14 ☹ ☹	15 ☹ ☹	16 ☹ ☹	17 ☹ ☹	18 ☹ ☹	19 ☹ ☹	20 ☹ ☹
21 ☹ ☹	22 ☹ ☹	23 ☹ ☹	24 ☹ ☹	25 ☹ ☹	26 ☹ ☹	27 ☹ ☹
28 ☹ ☹	29 ☹ ☹	30 ☹ ☹	31 ☹ ☹			

APPROX. MAX RECORDABLE TIME

STANDARD 12:34

HIGH IMAGE QUALITY 9:26

VIDEO CD 65:32

DISK USE STATUS

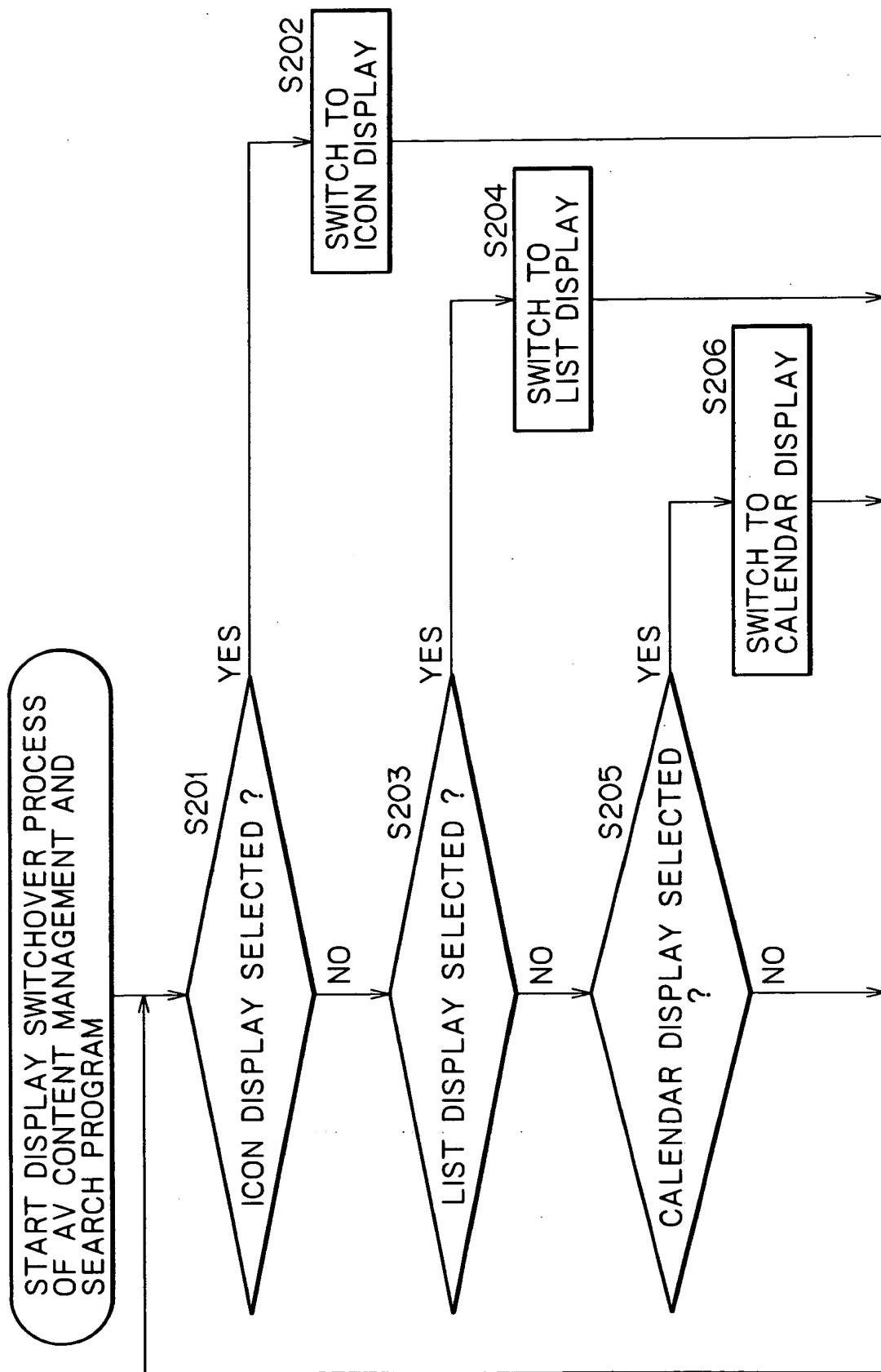
201

202

261

262

FIG. 29



# FIG. 30

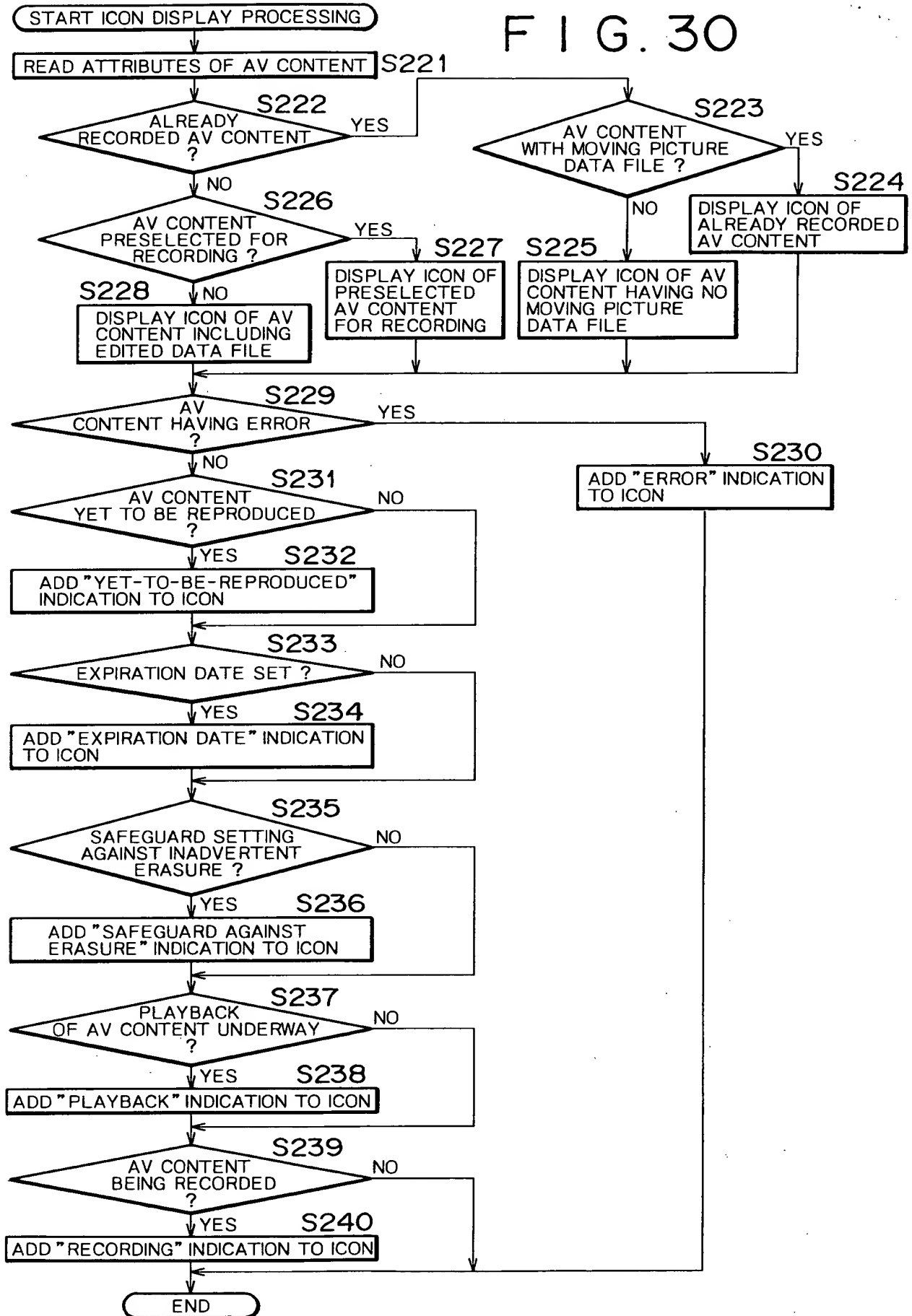


FIG. 31

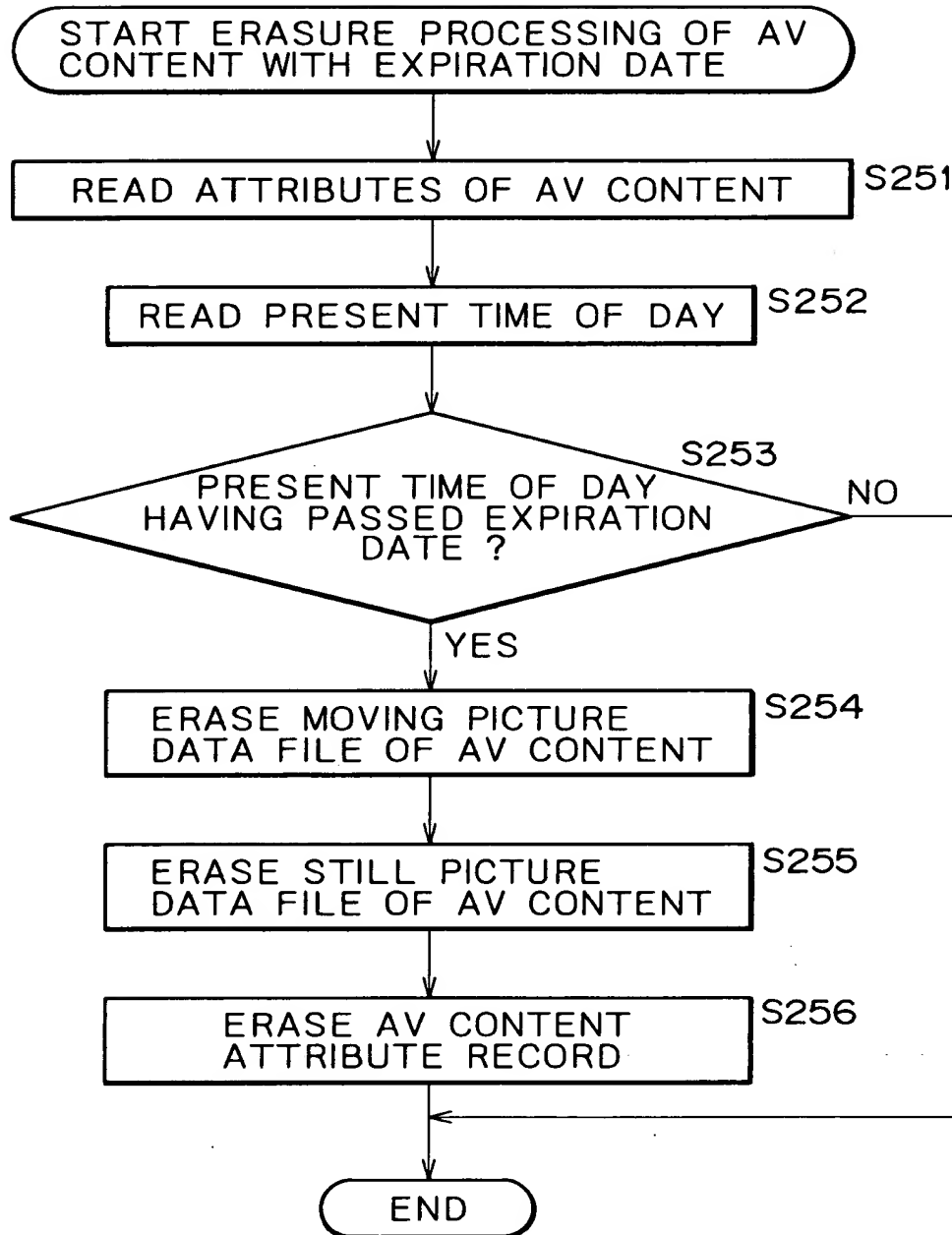


FIG. 32

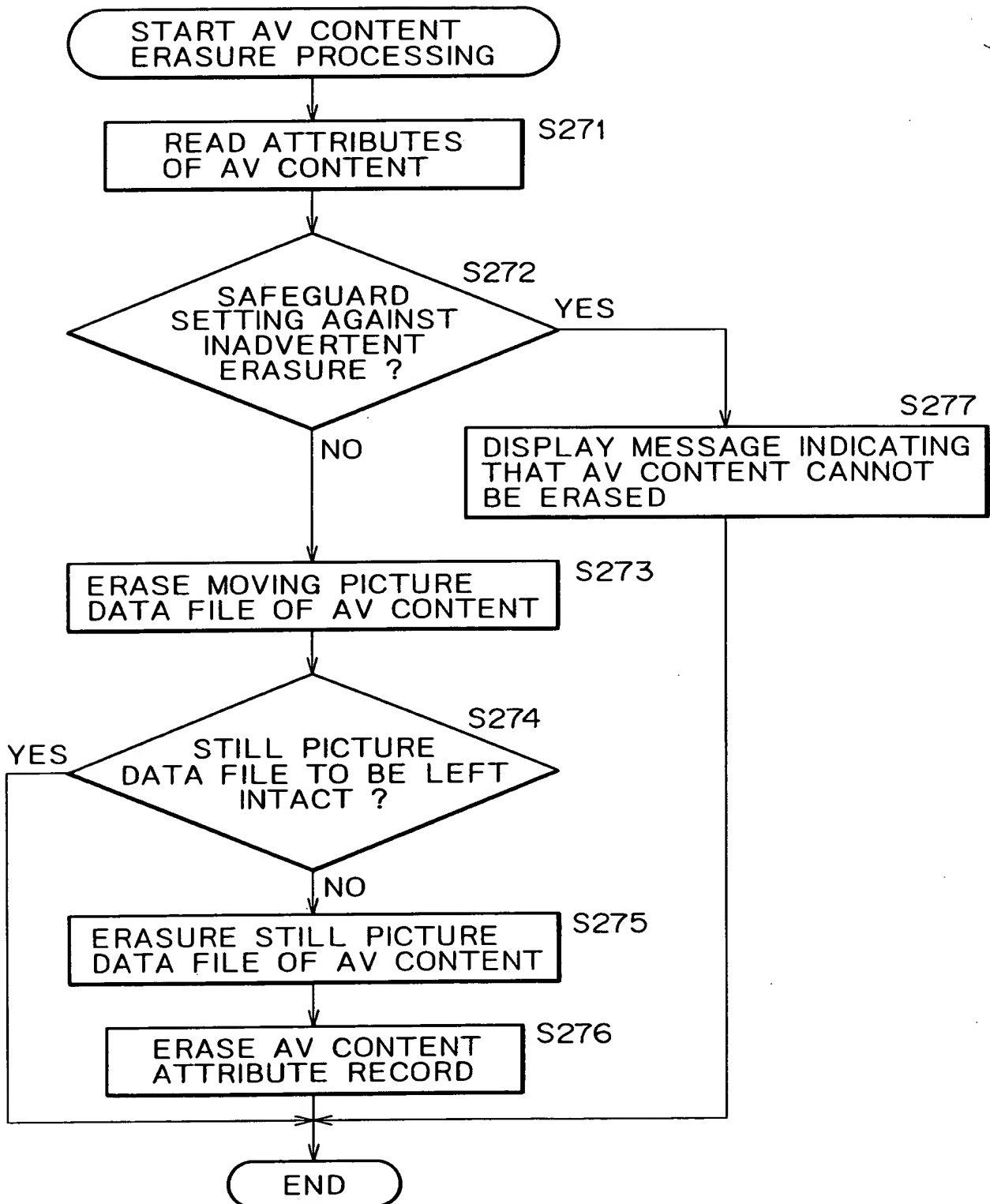


FIG. 33

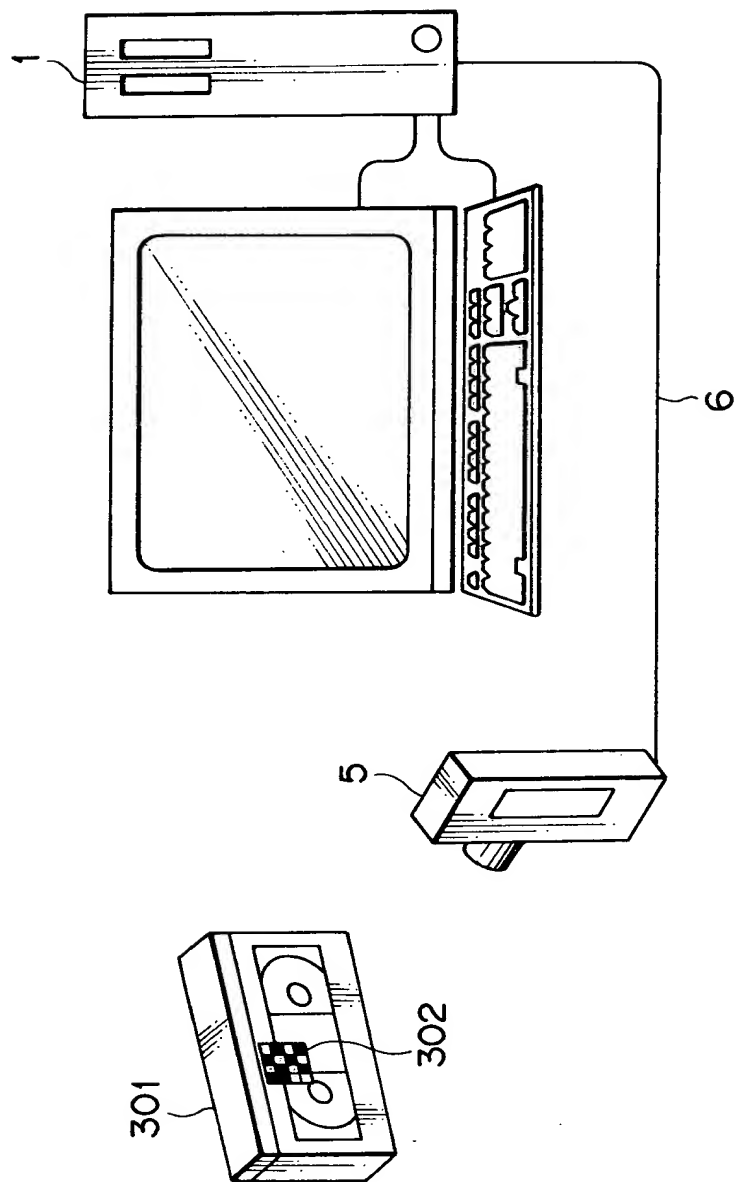


FIG. 34

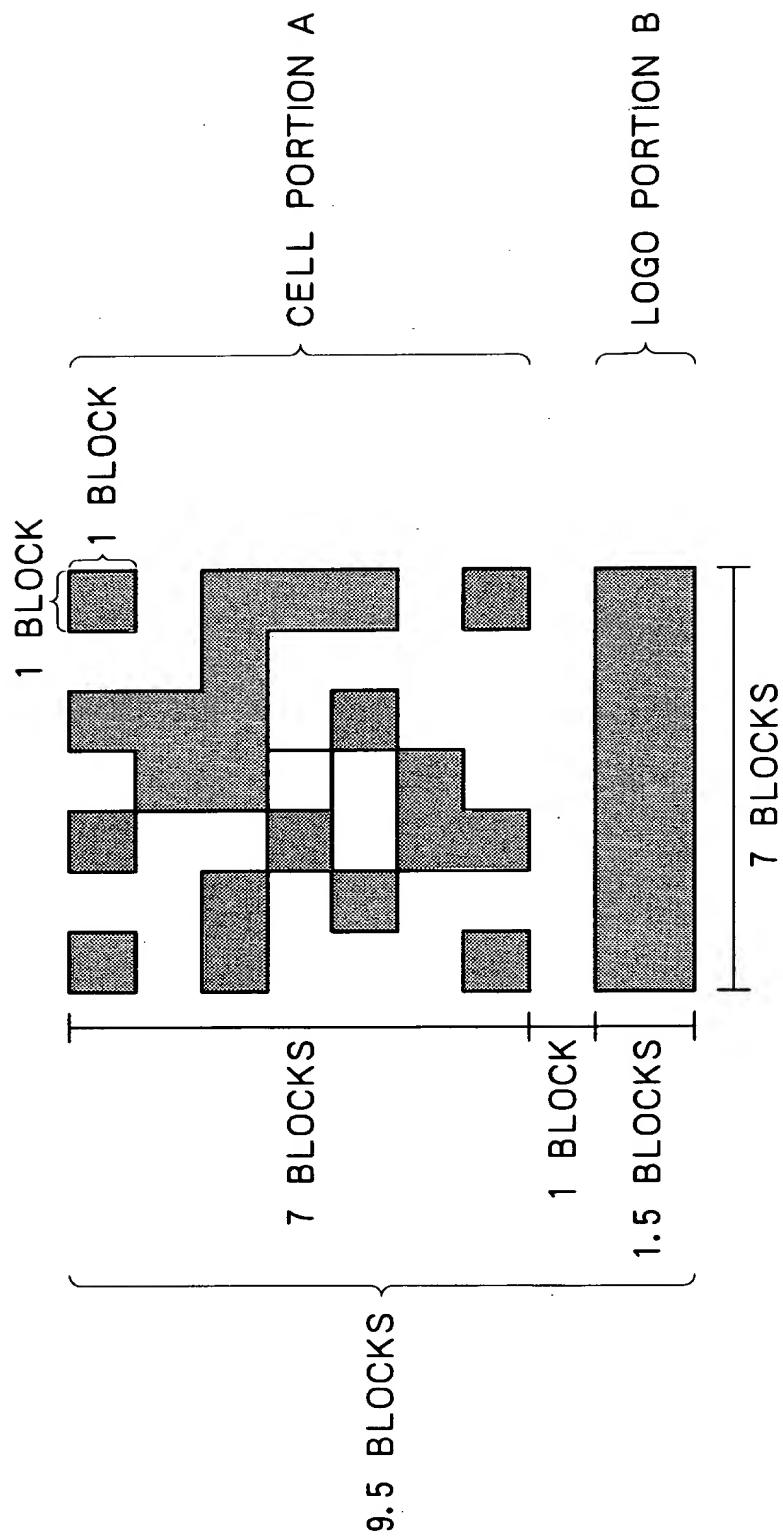


FIG. 35

SEARCH FOR STORED TWO-DIMENSIONAL CODE

INPUT: VIDEO2 INPUT

MESSAGE: GET CAMERA TO PICK UP TWO-DIMENSIONAL CODE LABEL

CLOSE

HELP

F I G . 36

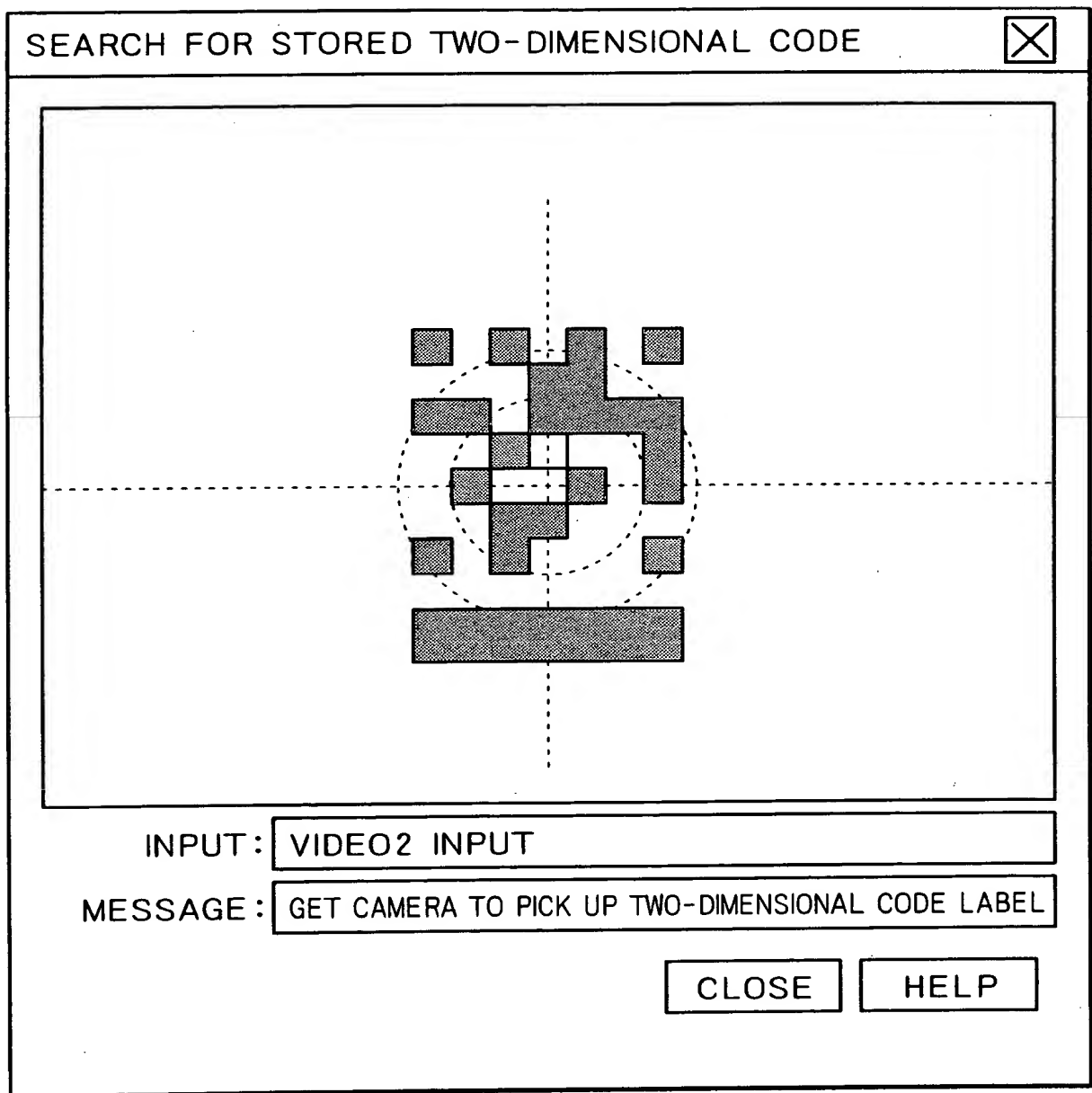
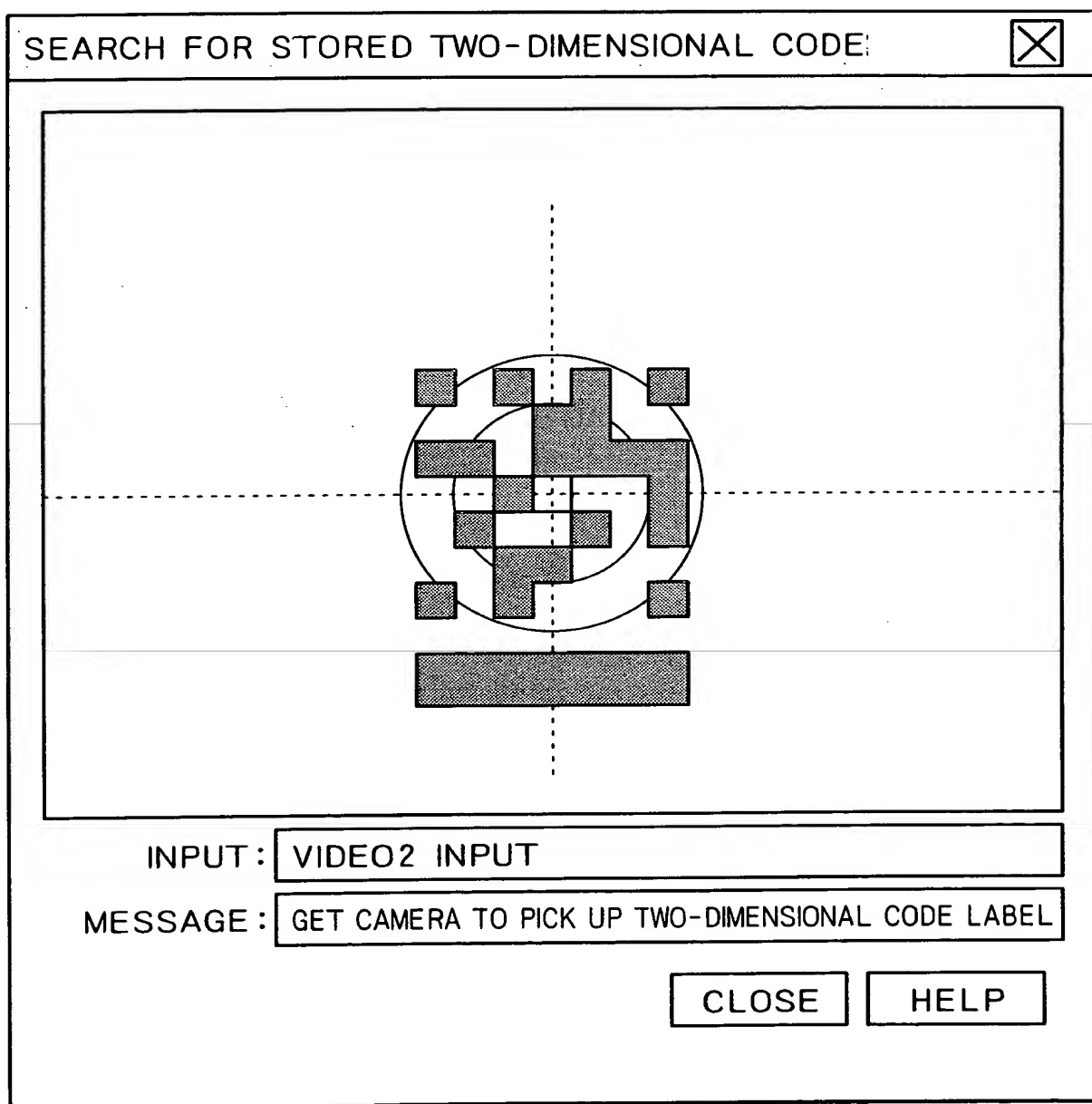


FIG. 37



SEARCH FOR STORED TWO-DIMENSIONAL CODE											
	301-2	301-4	301-6	301-8	301-10	301-12					
301-1	301-3	301-5	301-7	301-9	301-11						
	302-2	302-4	302-6	302-8	302-10	302-12					
302-1	302-3	302-5	302-7	302-9	302-11						
<div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); border: 1px dashed black; width: 100px; height: 100px; border-radius: 50%;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); border-top: 1px dashed black; border-bottom: 1px dashed black; width: 100%;"></div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); border-left: 1px dashed black; border-right: 1px dashed black; height: 100%;"></div> </div>											

INPUT : VIDEO2 INPUT

MESSAGE : GET CAMERA TO PICK UP TWO-DIMENSIONAL CODE LABEL

CLOSE
HELP

FIG. 39

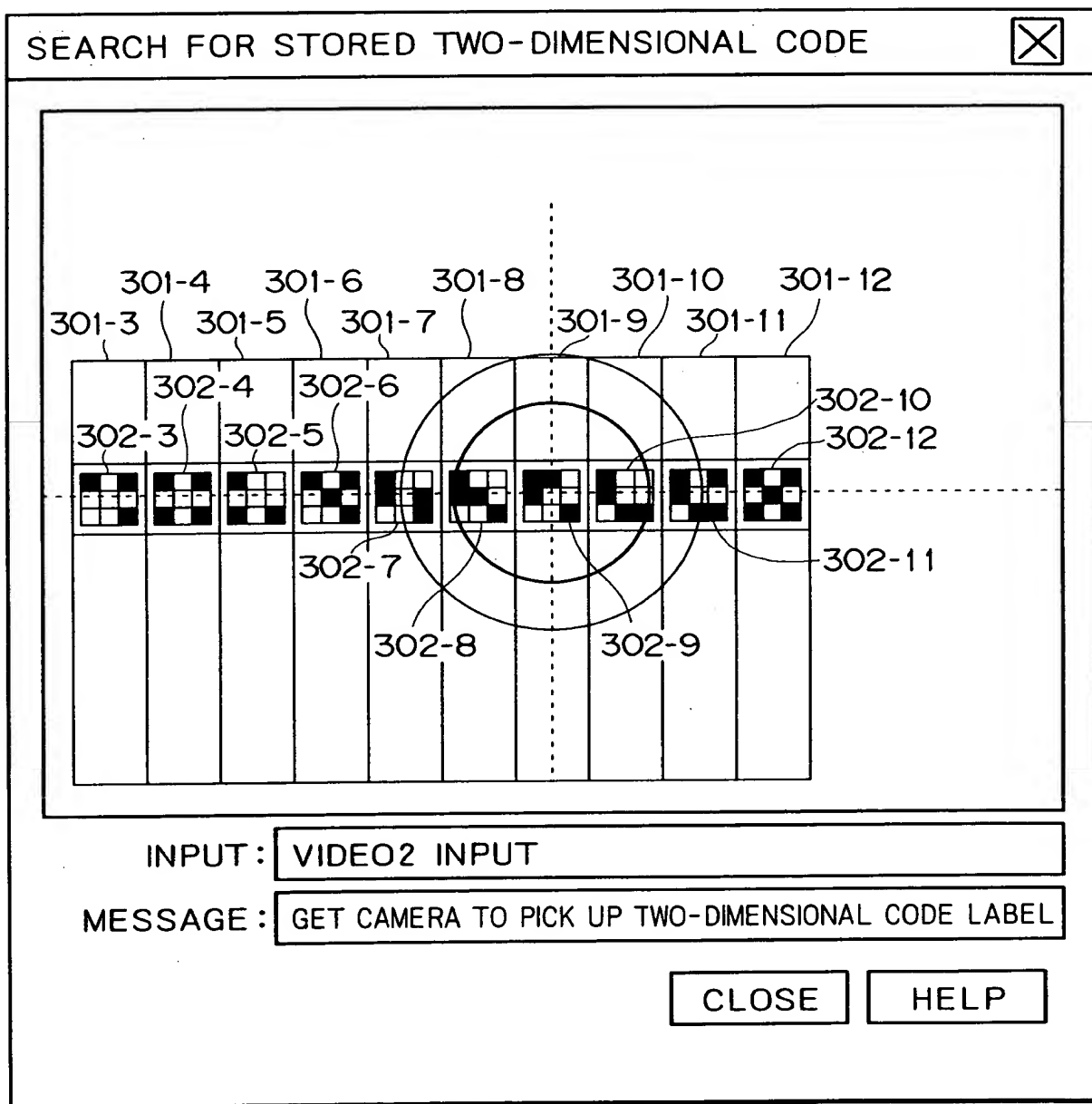
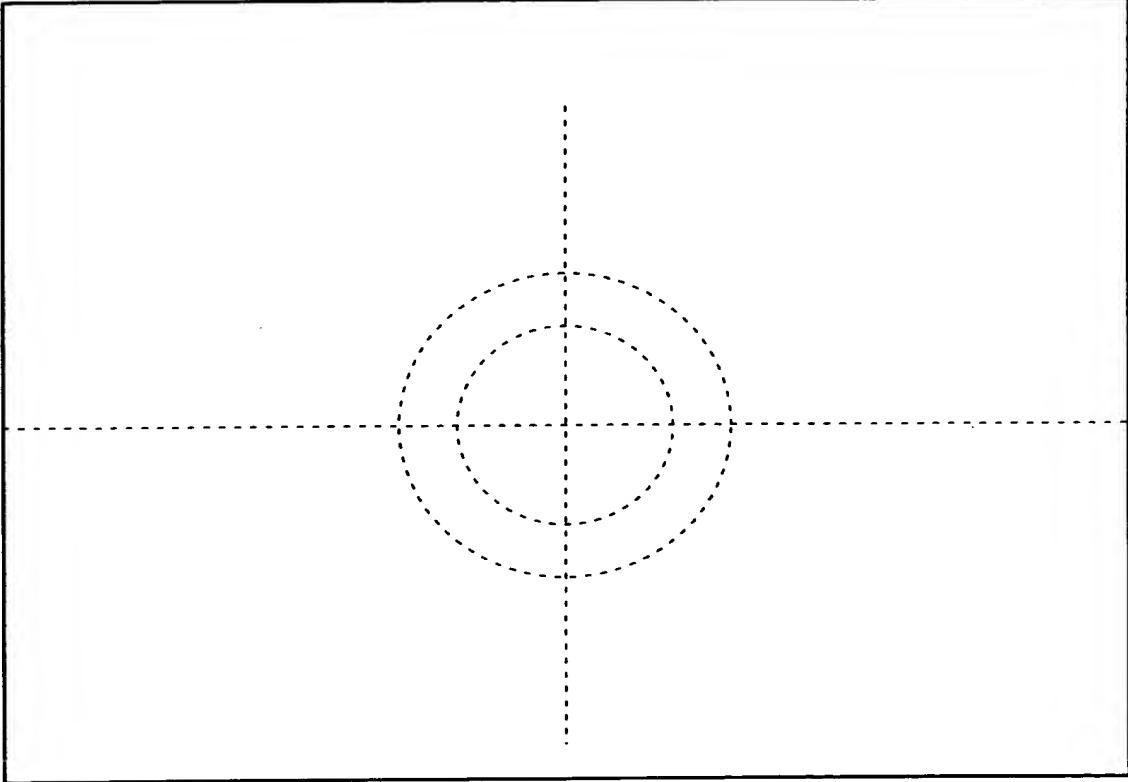


FIG. 40

SEARCH FOR AV CONTENT CORRESPONDING TO TWO-DIMENSIONAL CODE ☐



INPUT: VIDEO2 INPUT

MESSAGE: GET CAMERA TO PICK UP TWO-DIMENSIONAL CODE LABEL

FIG. 41

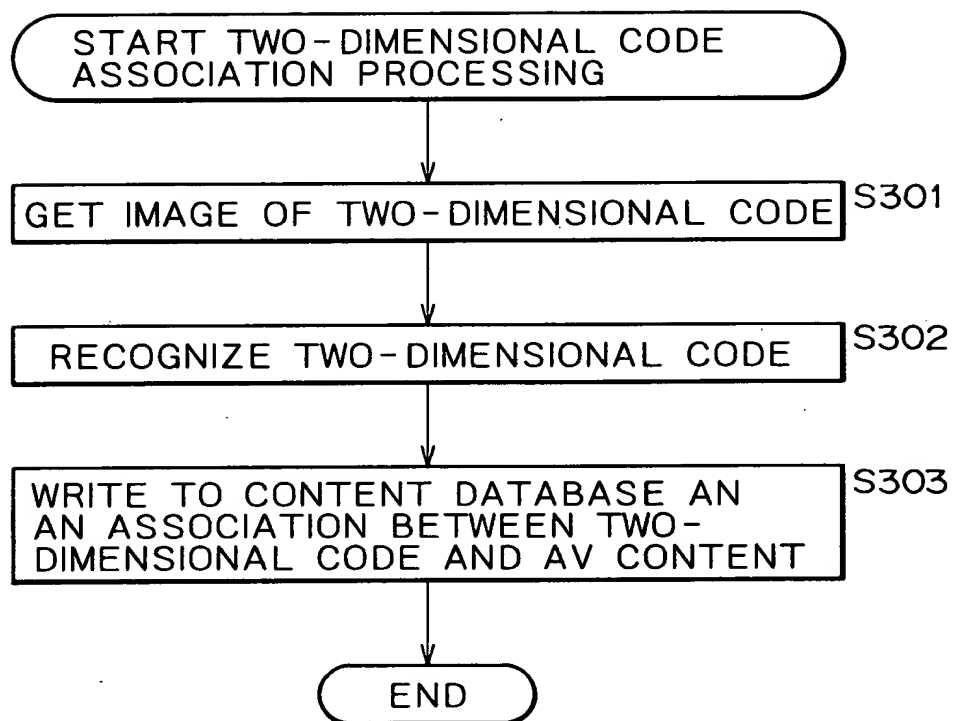


FIG. 42

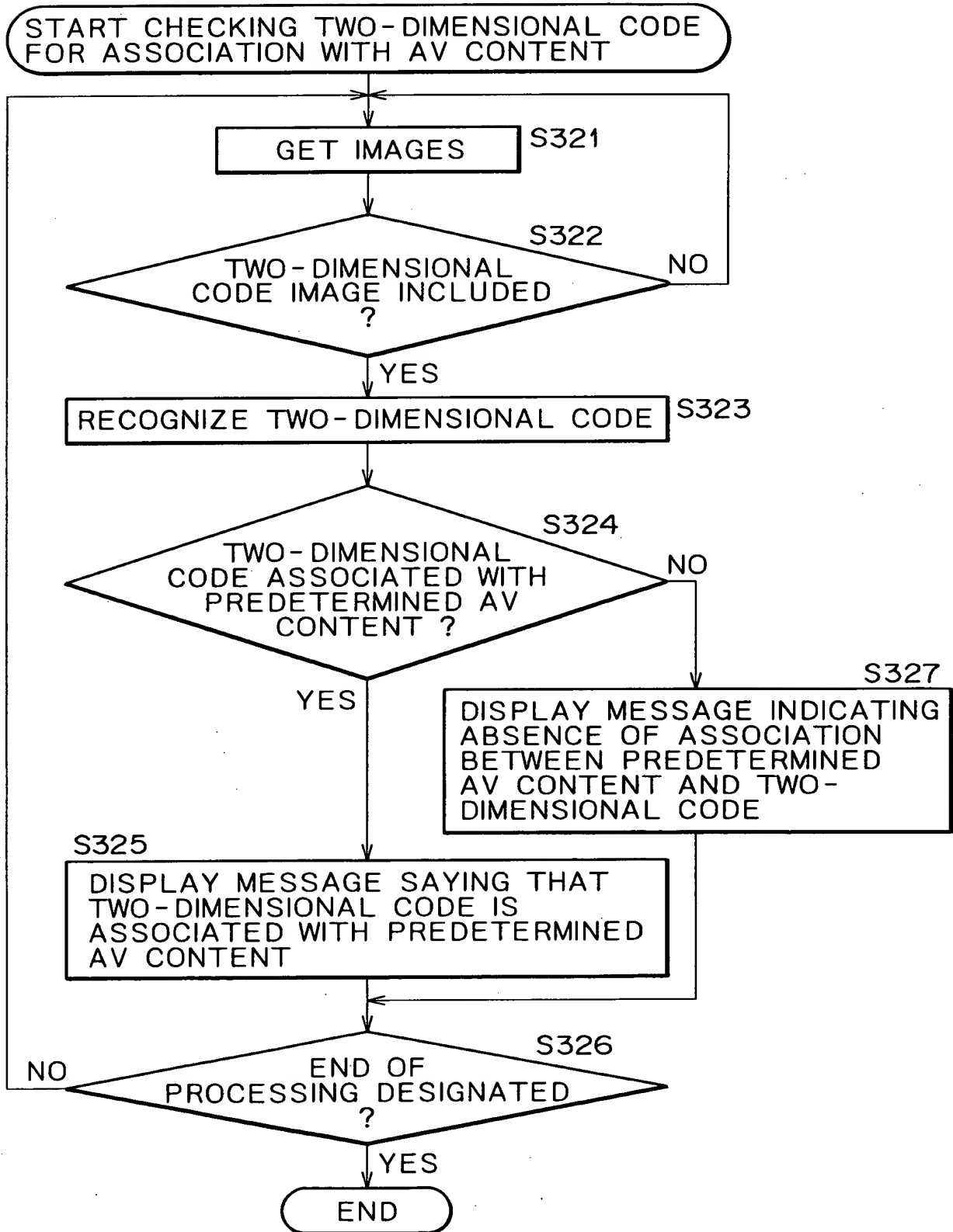


FIG. 43

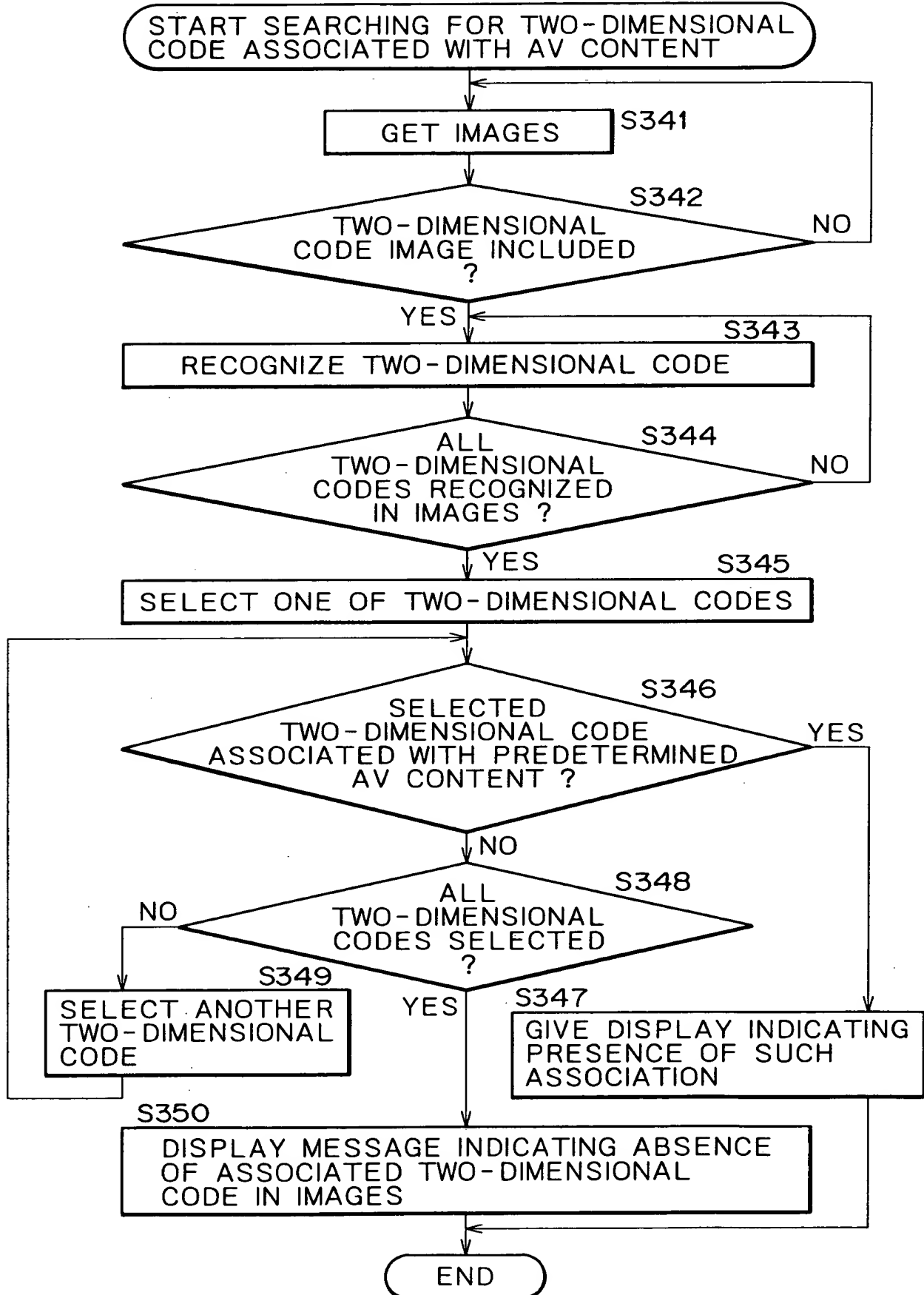


FIG. 44

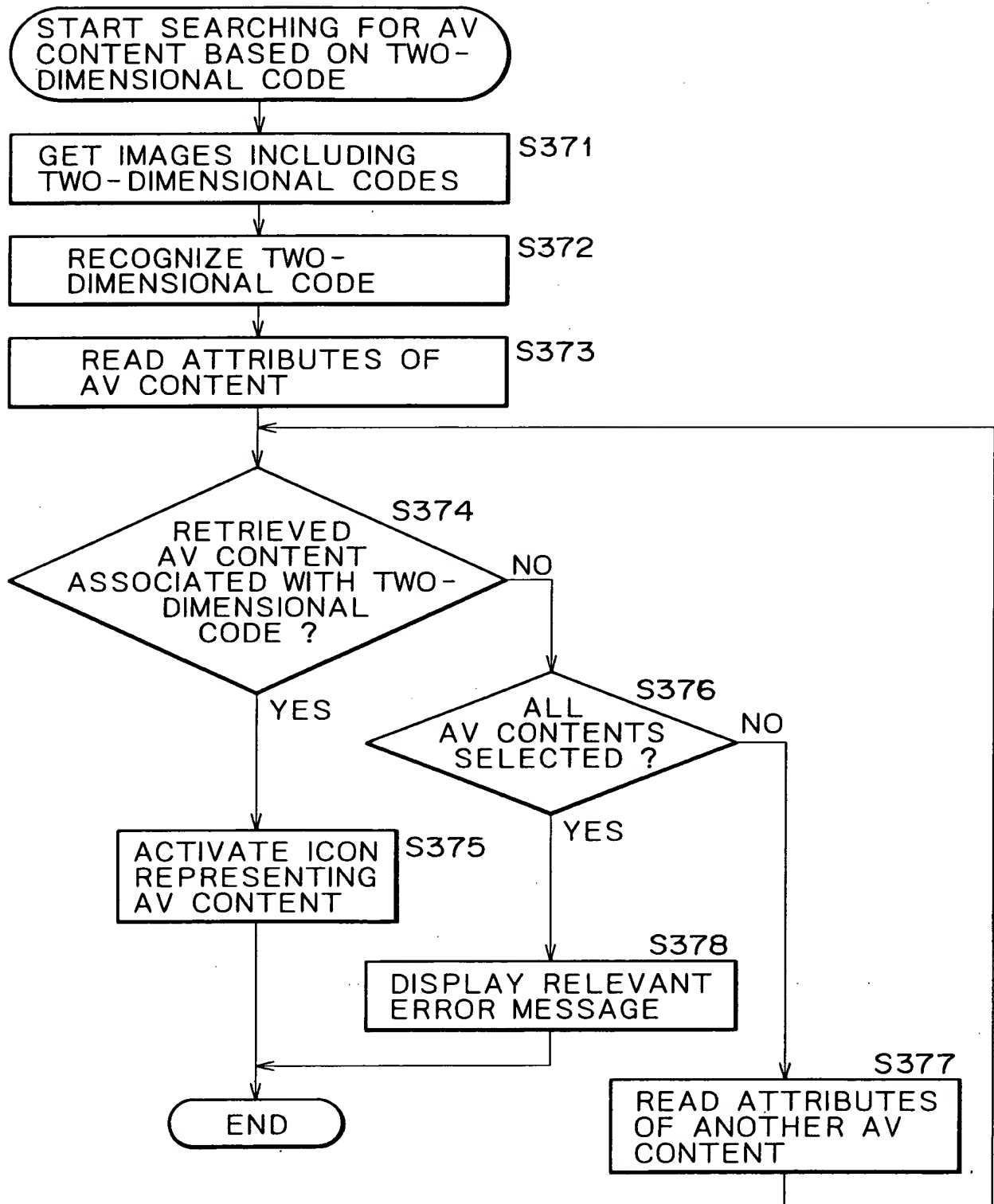


FIG. 45A

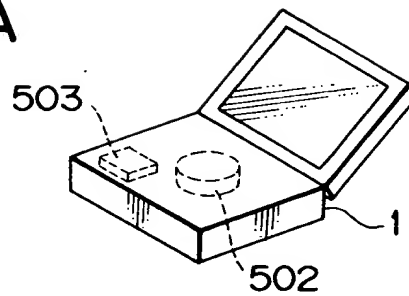


FIG. 45B

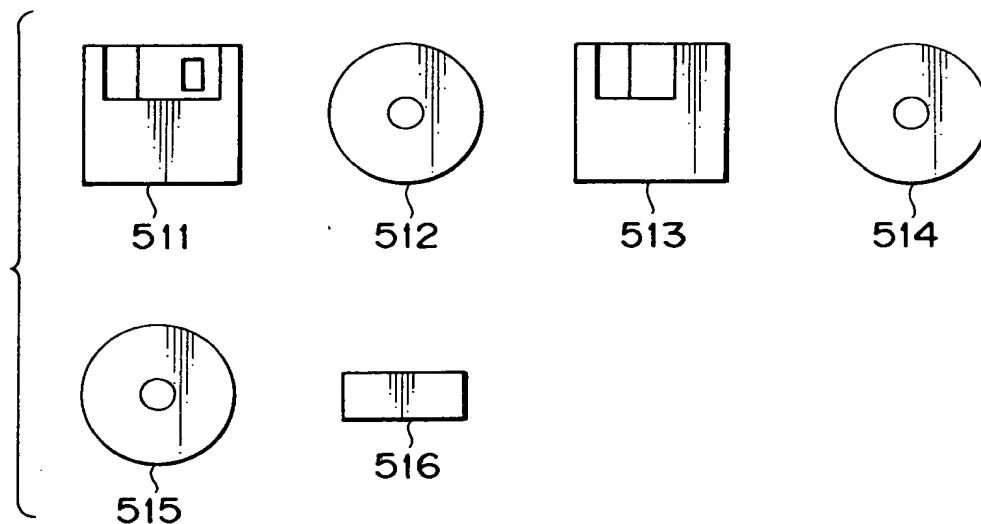


FIG. 45C

